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ENT

ANNUAL REPORT

OF THE

STREET DEPARTMENT

FOR THE

YEAR 1905

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HON. JOHN F. FITZGERALD,
Mayor of the City of Boston:

SIR, — In compliance with the Revised Ordinances, the annual report of the operation and expenses of the Street Department for the year 1905 is herewith respectfully submitted.

ORGANIZATION.

The work of the department during the past year has been carried on under the same organization that was effected when the consolidated department was created in 1891, and as amended in 1895, the several divisions of the department being as follows:

Central Office,	Paving Division,
Boston and Cambridge Bridges,	Sanitary Division,
Bridge Division,	Sewer Division,
Ferry Division,	Street-Cleaning Division,
	Street-Watering Division.

Each of the above divisions, with the exception of the Central Office and the Boston and Cambridge Bridges, is in charge of a Deputy Superintendent.

The Boston and Cambridge bridges are managed by two commissioners. The Superintendent of Streets was the commissioner for the City of Boston until October 28, 1904, when the Deputy Superintendent of the Bridge Division was

appointed as commissioner, the other commissioner being appointed by the Mayor of the City of Cambridge.

APPROPRIATIONS.

The money assigned for Street Department work for the past year was made available under the following appropriations:

First. — Maintenance: From income of the city raised by taxes. Previous to the commencement of the financial year, February 1, the department estimates of the amounts necessary for the proper maintenance of the various divisions are submitted to His Honor the Mayor, who makes such recommendation as he may deem proper to the City Council. The maintenance appropriations, as passed by the City Council, were as follows:

Central Office	$21,000 00
Bridge Division	185,000 00
Cambridge and Boston Bridges	22,000 00
Ferry Division	243,000 00
Paving Division	900,000 00
Sanitary Division	670,000 00
Sewer Division	350,000 00
Street-Cleaning Division	430,000 00
Street-Watering Division	165,000 00
Total	$2,986,000 00

Second. — Work done under appropriations for permanent improvements: There was made available by the City Council, from income of the city raised by taxes, for general new or reconstruction work, as follows:

Street Improvements	$500,000 00

Third. — Work done under appropriations for permanent improvements: There was made available by the City Council, from loans within the debt limit, for new work as follows:

Paving Division	$220,000 00

Fourth. — In 1891 an Act was passed by the Legislature entitled "An Act Relating to the Location, Laying-out and Construction of Highways in the City of Boston." (Chapter 323, Acts of 1891, and amendments, Highways, Making of.) Loans under this Act previous to 1901 were outside the debt limit, but by chapter 199 of the Acts of 1901 the city was empowered to borrow the money inside the debt limit. From this fund new streets, assessable on the abutting property, are built. The amount expended the past year was:

Streets	$10,604 01

Fifth. — In 1897 an Act was passed by the Legislature entitled "An Act Relative to the Sewerage Works of the City of Boston." (Chapter 426.) Under this Act the loan is outside the debt limit. From this fund "Sewerage Works" are built.

The amount expended the past year was . .	$751,179 93

Sixth. — In 1903 an Act was passed by the Legislature entitled "An Act Relative to Separate Systems of Drainage." (Chapter 383.) Loans under this Act are outside the debt limit.

The amount expended last year was . . .	$784,093 91

The expenditures under the several appropriations for the year 1905 were as follows:

Maintenance	$3,236,350 11
Sewerage Works	751,179 93
Street Improvements	767,707 46
Highways, Making of	10,604 01
Separate Systems of Drainage	784,093 91
Bridge, Specials	6,816 25
Hyde Park avenue	58,973 65
Brandon street and Belgrade avenue . . .	39,374 40
Paving, Specials	39,374 39
Abolishment of Grade Crossings . . .	16,184 24
Atlantic-avenue Extension	1,604 16
Total	$5,712,262 51

BRIDGE DIVISION.

Expenditures.

Maintenance.	Specials.
$184,564.54.	$6,816.25.

Attention is again called to the badly corroded condition of the Huntington avenue bridge over the Boston & Albany railroad. From an inspection made by the City Engineer when this bridge was last repaired it was found to be in a very bad condition, so that extensive repairs were necessary to make it safe for travel, and an appropriation should be made for the construction of a new bridge as a matter of public safety.

FERRY DIVISION.

Expenditures.

Maintenance.
$273,995.90.

A contract has been entered into for building a new coal-pocket at the East Boston side of the North Ferry. Work on this new pocket would have been commenced at once but for the danger of a possible strike and consequent shortage of coal, which caused it to be deferred until later in order to enable this division to store coal in sufficient quantities to carry it through. The construction of the pocket will probably be begun by May 1, 1906.

During the past year the United States Government issued an order that all boats carrying passengers must be provided with life-boats and life-rafts, life preservers, fire extinguishers and fire pumps, in order to insure the safety of the passengers. Accordingly the City Council voted a special appropriation to meet these demands, and now all our boats are in first-class condition in this respect.

The old piers on the Boston side of both Ferries should be replaced by new ones. These old piers require constant repairs and in the interest of economy should be entirely rebuilt.

PAVING DIVISION.

Expenditures.

Maintenance.	Specials.
$1,011,752.77.	$39,374.39.

Work has been finished on Columbia road from the bridge over Old Colony avenue to Covington street, thus completing the Boulevard from Franklin Park to Marine Park, a distance of nearly four (4) miles. The West Roxbury highways, Belgrade avenue and Hyde Park avenue, were also completed.

Geneva avenue from Westwood street across Vaughan avenue was widened and rough graded to meet the conditions caused by the construction of the new bridge of the New England Division of the New York, New Haven & Hartford Railroad.

Granite block paving with pitch joints on a concrete base has been laid to the extent of about 31,000 square yards in the business section of the city.

Bitulithic pavement has been laid in the residential districts to the extent of about 33,000 square yards and is proving very satisfactory. This pavement is laid with a ten-year maintenance guarantee.

During the year the department force has been employed in repairing and resurfacing streets. About 38 miles of streets have been resurfaced, but a vast amount of work remains to be done not only on macadam streets, but also upon paved streets, in order that they may be put in proper condition.

SANITARY DIVISION.

Expenditures.

Maintenance.
$703,382.08.

The cost of the collection of material is much increased by the fact that the dumping places are so remote from the place of collection, and the purchase of carts having twice the capacity of those in use at the present time is respectfully urged, as this would make the unavoidably long hauls less frequent.

There should be a dumping station at the South End and one somewhere in the vicinity of the Charlestown bridge as was recommended in the report of last year.

The expense of repairing one of the dumping boats is very large. This boat has been in service over twenty years and ought to be replaced by a new one.

The stables at Albany street and North Grove street should be thoroughly overhauled and enlarged in order to accommodate the horses, as many of them are now kept in sheds.

SEWER DIVISION.

Expenditures.

Maintenance.	Specials.
$381,687.78.	$1,861,706.09.

Stony Brook conduit and the West Roxbury low level sewer should be extended southward from Jamaica Plain.

The work of separating the systems of the low-level district is now necessitated by the building of the Charles River basin.

The brook and its principal tributaries must be improved to the Hyde Park line in order to fit them to receive the surface water drains which must be built in each street in the valley.

The completion of the conversion of the combined to the separate system of sewers in the high level or South Metropolitan district and in so much of the low level or main drainage territory as is tributary to the Charles River basin is urged.

The old channel of Stony Brook should be rebuilt, also the Dorchester Brook and Maywood's Brook sewer systems, the auxiliary east side intercepting sewer built and the East Boston intercepting system completed.

The construction work in the Back Bay Fens has been completed.

STREET CLEANING DIVISION.

Expenditures.

Maintenance.

$448,837.79.

The work of this division for the past year has been of the ordinary, almost routine, character. During July and August an attempt was made to flush some of the down-town streets, with two flushing carts, loaned by a concern in a neighboring city, but the experiment proved costly, besides wearing in some places on the joints of the block pavement, and was consequently abandoned.

In our last report some very important recommendations were submitted, but were not acted upon. Again recognizing their importance, I would ask that money be made available for them as speedily as the financial condition of the city warrants it.

STREET WATERING DIVISION.

Expenditures.

Maintenance.

$189,347.50.

During the past year four hundred and sixty-five (465) miles of streets were regularly watered, and five hundred and one million one hundred and three thousand two hundred (501,103,200) gallons of water were used in the work.

Recapitulation of Expenditures for the Twelve Months ending January 31, 1906.

OBJECT OF APPROPRIATION.	Current Expenses.	Special Appropriations.	Totals.
Street Department:			
Central Office	$21,902 91	.....	$21,902 91
Boston and Cambridge Bridges	20,878 84	.....	20,878 84
Bridge Division	184,564 54	$6,816 25	191,380 79
Ferry Division	273,995 90	.....	273,995 90
Paving Division	1,011,752 77	39,374 39	1,051,127 16
Sanitary Division	703,382 08	.....	703,382 08
Sewer Division	381,687 78	1,553,062 24	1,934,750 02
Street Cleaning Division	448,837 79	.....	448,837 79
Street Watering Division	189,347 50	.....	189,347 50
Street Improvements	.....	767,707 46	767,707 46
Highways, Making of	.....	10,604 01	10,604 01
Hyde Park avenue	.....	58,973 65	58,973 65
Brandon street and Belgrade avenue	.....	39,374 40	39,374 40
Totals	$3,236,350 11	$2,475,912 40	$5,712,262 51

Financial Statement of the Street Department Appropriation.

February 1, 1905, to January 31, 1906.

Maintenance.

APPROPRIATION.	Appropriations and Transfers during 1905.	Revenue.	Total Credits.	Expenditures for the twelve months ending Jan. 31, 1906.
Street Department:				
Central Office	[1] $21,902 91	.....	$21,902 91	$21,902 91
Bridge Division	[2] 184,564 54	.....	184,564 54	184,564 54
Boston and Cambridge Bridges,	[3] 19,420 87	$1,457 97	20,878 84	20,878 84
Ferry Division	[4] 273,995 90	.....	273,995 90	273,995 90
Paving Division	[5] 1,009,915 18	1,837 59	1,011,752 77	1,011,752 77
Sanitary Division	[6] 703,382 08	.....	703,382 08	703,382 08
Sewer Division	[7] 380,778 54	909 24	381,687 78	381,687 78
Street Cleaning Division	[8] 448,837 79	.....	448,837 79	448,837 79
Street Watering Division	[9] 189,347 50	.....	189,347 50	189,347 50
Totals	$3,232,145 31	$4,204 80	$3,236,350 11	$3,236,350 11

[1] Appropriation	$21,000 00	
Transferred from City Treasury	1,000 00	
Transferred to Street Watering Division	97 09	
		$21,902 91
[2] Appropriation	$185,000 00	
Transferred to Street Watering Division	435 46	
		$184,564 54
[3] Appropriation	$22,000 00	
Transferred to Street Watering Division	2,579 13	
		$19,420 87
[4] Appropriation	$243,000 00	
Transferred from City Treasury	30,995 90	
		$273,995 90
[5] Appropriation	$900,000 00	
Transferred from City Treasury	109,915 18	
		$1,009,915 18
[6] Appropriation	$670,000 00	
Transferred from City Treasury	7,000 00	
Transferred from Surplus Revenue	26,382 08	
		$703,382 08
[7] Appropriation	$350,000 00	
Transferred from City Treasury	30,778 54	
		$380,778 54
[8] Appropriation	$430,000 00	
Transferred from Surplus Revenue	13,260 65	
Transferred from City Treasury	5,577 14	
		$448,837 79
[9] Appropriation	$165,000 00	
Transferred from City Treasury	24,347 50	
		$189,347 50

Comparative Table Showing Cost of Maintenance of the Street Department since 1896.

DIVISION.	1896-1897.	1897-1898.	1898-1899.	1899-1900.	1900-1901.	1901-1902.	1902-1903.	1903-1904.	1904-1905.	1905-1906.
Central Office.....	$18,781 85	$17,789 85	$19,186 24	$18,799 41	$19,994 66	$24,999 83	$20,386 04	$21,092 06	$20,853 21	$21,902 91
Bridge..... ..	119,963 55	126,529 32	129,253 03	120,408 72	138,580 56	170,866 18	164,082 13	171,789 52	185,269 84	184,564 54
Boston and Cambridge Bridges....	13,835 54	14,403 92	13,569 89	15,998 18	17,353 27	18,394 97	16,400 04	16,715 12	16,263 90	20,878 84
Ferry.....	218,353 10	219,983 24	213,055 79	211,822 87	236,999 91	248,754 06	227,688 29	254,535 23	258,126 20	273,995 90
Paving	559,934 39	573,963 14	553,291 72	705,432 68	753,562 34	837,831 07	780,236 39	785,946 38	808,604 99	874,636 88
Removal of snow,	68,741 07	116,224 20	172,963 48	154,625 18	29,138 38	93,518 45	121,899 66	114,395 94	264,840 43	137,115 89
Sanitary.....	477,241 54	492,670 56	508,152 88	567,107 81	609,664 67	623,000 50	675,319 64	654,975 87	706,529 89	703,382 08
Sewer.....	276,615 25	295,522 25	337,376 27	347,133 64	362,060 24	345,669 05	301,743 69	288,679 26	324,360 72	381,687 78
Street Cleaning.....	310,266 39	309,993 38	316,052 73	322,951 15	339,747 23	356,445 72	392,802 09	403,626 11	434,172 62	448,837 79
Street Watering....	71,211 81	[1]78,736 72	138,728 57	174,625 97	174,742 45	164,259 36	160,147 25	164,104 74	165,071 08	189,347 50
Totals.	$2,134,944 49	$2,245,816 68	$2,401,630 60	$2,638,905 61	$2,681,843 71	$2,883,739 19	$2,860,705 22	$2,875,850 23	$3,184,092 88	$3,236,350 11

[1] Not including water bills of $76,930.40, not previously paid by Street Watering Division.

List of Contracts from February 1, 1905, to January 31, 1906, made by the Street Department.

Paving Blocks.

CONTRACT.	Awarded to	Dated	Price per M. delivered on Wharves.
Large paving blocks..	New England Granite Company...	May 2, 1905..	$70 00
Large paving blocks..	Rockport Granite Company.....	May 2, 1905..	70 00
Large paving blocks..	S. & R. J. Lombard.....	May 2, 1905..	70 00
Large paving blocks..	Thomas Lahey.....	May 2, 1905..	70 00
Large paving blocks..	William T. Shea.....	May 2, 1905..	70 00
Gutter paving blocks..	William T. Shea.....	May 2, 1905..	*

* Streets in Dorchester, $55; streets in South Boston, Roxbury and Brighton, $62.

Bank Gravel and Sand.

DISTRICT.	Awarded to	Dated	Price per Double Load of 40 Cubic Feet.	
			Gravel.	Sand.
South Boston.....	Frank J. Hannon.....	March 21, 1905..	$1 45	$1 38
East Boston.....	J. P. O'Riorden.....	March 21, 1905..	1 45	1 27
Charlestown	J. P. O'Riorden.....	March 21, 1905..	1 45	1 05
Brighton	J. H. Sullivan.....	March 21, 1905..	1 55	1 15
West Roxbury.....	Thomas F. Minton.....	March 21, 1905..	1 25	1 25
Dorchester.....	James McGovern.....	March 21, 1905..	1 50	1 50
Roxbury.....	William Gilligan.....	March 21, 1905..	1 65	1 40
City Proper: District 8.....	William Gilligan.....	March 21, 1905..	1 60	1 25
City Proper: District 9.....	William Gilligan.....	March 21, 1905..	1 60	1 60
City Proper: District 10.....	J. P. O'Riorden.....	March 21, 1905..	1 60	1 00

NOTE. — Single loads to cost one-half of the foregoing prices.

Spruce Lumber.

DISTRICT.	Awarded to	Dated	Price per M. Feet B. M. Rough.
South Boston	Curtis & Pope Lumber Co.	Jan. 31, 1905.	$22 40
East Boston	J. O. Wetherbee Co.	Jan. 31, 1905.	23 00
Charlestown	J. O. Wetherbee Co.	Jan. 31, 1905.	22 25
Brighton	G. Fuller & Son	Jan. 31, 1905.	22 00
West Roxbury	Curtis & Pope Lumber Co.	Jan. 31, 1905.	23 40
Dorchester	Curtis & Pope Lumber Co.	Jan. 31, 1905.	22 40
Roxbury	Curtis & Pope Lumber Co.	Jan. 31, 1905.	22 40
City Proper	Curtis & Pope Lumber Co.	Jan. 31, 1905.	22 00

Beach Gravel.

DISTRICT.	Awarded to	Dated	Price per Ton delivered on Wharves.
City wharves	Hugh Farrell	Jan. 31, 1905.	$0 93

Iron Castings.

CONTRACT.	Awarded to	Dated	Price per 100 Pounds delivered at Yards.
Iron castings	The Sessions Foundry Co.	Jan. 31, 1906.	$1 64

Coal.

CONTRACT.	Awarded to	Dated	Price per Ton (2,240 Pounds).
1,800 tons Cumberland, Pumping Station, Dorchester	W. K. Niver Coal Company	June 10, 1905.	$3 75
10,000 tons Georges Creek, Pumping Station, Dorchester.	W. K. Niver Coal Company	July 5, 1905.	3 41
10,000 tons Georges Creek, Ferry Wharves	W. K. Niver Coal Company	July 5, 1905.	3 41

Leasing Ledge Lots.

CONTRACT.	Lessors.	Dated	Price per Ton for Stone removed.
[1] Lease of ledge on Columbia road, near Brunswick st.....	W. J. Wilcox *et als.*	March 22 and June 12, 1901..	$0.10
[2] Lease of ledge on Centre st., between Allandale and Walter sts	Thomas Minton ...	May 10, 1902....	.18
[2] Lease of ledge on Kenney st., near Day st.....	James W. Kenney..	June 7, 1902.....	.17
[2] Lease of ledge on Rosseter st.,	Wm. J. Emerson...	July 14, 1902....	.18
[2] Lease of ledge on Heath st., near Day st.....	Frederick Bleiler ..	June 8, 1903.....	.18
[3] Lease of ledge on Forest Hills st.*	David W. Creed....	Dec. 23, 1905....	.18

[1] Expires March 22, 1906. [2] Expires February 1, 1906. [3] Expires February 1, 1908.

* Work under this contract was ordered stopped by the Mayor January 1, 1906.

Lease of Land.

CONTRACT.	Lessors.	Dated	Terms.
Lease of wharf, 466 to 470 Atlantic avenue	J. H. Hecht	February 19, 1898, for ten years	First 5 years $10,000 per year. Last 5 years $11,500 per year. Taxes and water rates and interest at 6 per cent. per annum on all amounts paid by the lessor for public assessments laid upon the premises after March 1, 1898.
Lease of wharf, etc., Revere street	J. J. Costello	July 20, 1899, for ten years	$6,500 per year and all taxes during the first 5 years, and $7,250 per year and all taxes during the second five years.
Lease of a portion of Glendon Wharf and stable on said wharf	Blodgett & Whidden	May 14, 1900	3,000 per year and all taxes for 10 years.
Lease of a portion of Packard's Wharf	Widow and heirs of Henry C. Snow	June 20, 1900	4,000 per year for 5 years.
Lease of land and stable on Columbia road and Old Harbor street (Sewer Division)	Charles T. Gallagher, Trustee	February 26, 1901	600 per year for 5 years.
Lease of land at Squantum park	Charles W. Clapp, Lessee	April 24, 1901	25 per year paid to city for 5 years.
Lease of land, Spectacle Island, for location of Garbage Disposal Plant	N. Ward Company	November 7, 1901	10,000 per year for 10 years, to be paid by the New England Sanitary Product Company.
Lease of land and stable on West First street (Sanitary Division)	Albert G. and Emma B. Frost, Trustees	November 20, 1901	900 per year and water rates for 5 years.
Lease of land and stable on H and East Second streets (Street Cleaning Division)	M. J. Mahoney *et ux*	December 28, 1901	900 per year for 5 years.
Lease of wharf, Chelsea street	J. F. Brennan & Co.	February 21, 1903	180 per year paid to city.
Lease of land and flats at Jeffries Point, East Boston, for maintaining a public landing	George C. Fitzpatrick	May 1, 1904	350 per year.
Lease of storehouses under Charlestown bridge	M. P. Coleman & Co., Lessee	March 15, 1904	728 per year paid to city.

Quarrying and Cutting Stone, etc.

CONTRACT.	Awarded to	Dated	Price.
Quarrying stone from ledge on Columbia road, near Brunswick street	H. P. Nawn	May 15, 1902	$0.80 per ton.
Quarrying stone from ledge on Codman street	Patrick McGovern	June 13, 1902	.70 per ton.
Quarrying stone from ledge on Kenney st., near Day st	Patrick F. Donovan	June 13, 1902	.70 per ton.
Quarrying stone from ledge on Centre st., between Allandale and Walter streets	Thomas F. Minton	July 26, 1902	.70 per ton.
Quarrying stone from ledge on Chestnut Hill ave., Brighton,	Michael Kiernan	August 20, 1902	.70 per ton.
Quarrying stone from ledge on Rosseter street, Dorchester	James McGovern	August 25, 1902	.70 per ton.
Quarrying stone from ledge on Heath street, near Day st	Patrick F. Donovan	April 7, 1904	.70 per ton.
Quarrying stone from ledge on Dimock street	Mark H. Lynch	April 30, 1904	.70 per ton.
Quarrying stone from ledge on Columbia road, near Brunswick street	George J. Regan	April 12, 1905	.70 per ton.
* Quarrying stone from ledge on Rosseter street	John E. Gill	December 20, 1905	.70 per ton.
* Quarrying stone from ledge on Forest Hills street	Patrick F. Donovan	December 28, 1905	.70 per ton.

* Work under these contracts was ordered stopped by the Mayor, January 1, 1906.

Collecting and Removing Ashes.

CONTRACT.	Awarded to	Dated	Price.
Collecting and removing ashes, etc., in the West Roxbury District	John J. Moore	April 8, 1905	$3,700 per year for 2 years.

Collecting and Removing House Offal.

CONTRACT.	Awarded to	Dated	Price.
Collecting and removing house offal, etc., in the West Roxbury District	John Krug	March 31, 1905	$1,800 per year for 2 years.

Paving and Regulating.

CONTRACT	Awarded to	Dated	Cost of Contract, as per Estimated Quantities, not including Materials furnished by the City.
Middlesex street, between Dover and Compton streets	John E. Burns	May 9, 1906	$725 00
Curve street, between Albany street and Broadway Extension	John E. Burns	May 10, 1906	600 00
Northampton street, between Washington street and Harrison avenue	Thomas McMan	May 15, 1906	1,500 00
Regent street, between Warren and Dale streets	Peter Gilligan	May 15, 1905	1,450 00
Dorchester avenue, between Savin Hill avenue and Roach street	John E. Gill	May 15, 1905	1,400 00
Chelsea street, between Mt. Vernon and Vine streets	P. Brennan & Co.	May 15, 1905	1,600 00
Saratoga street, between Swift and Moore streets	Ward & Conlin	May 16, 1905	1,450 00
West First street, between Dorchester avenue and A street	William Higgins	May 16, 1905	1,350 00
Edgestone and gutters, East Second street, between L and N streets	John T. Shea, jr.	May 16, 1905	850 00
Gutter paving, Brown avenue, between Ashland and Poplar streets	John H. Broderick	May 17, 1905	675 00

Paving and Regulating. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contract, as per Estimated Quantities, not including Materials furnished by the City.
Gutter paving, Nonantum street, between Washington street and the Newton line	Michael J. Coyle	May 17, 1905	$1,550 00
Gutter paving, East Sixth street, between I and K streets	Dennis S. Ryan	May 19, 1905	775 00
Gutter paving, Mt. Vernon street, between Dorchester avenue and Shoreham street	Joseph B. O'Rourke	May 19, 1905	1,050 00
Albany street, between Beach and Kneeland streets	John E. Burns	May 20, 1905	1,800 00
Causeway street, between Nashua and Lowell streets	D. J. Kiley	May 23, 1905	1,990 00
Columbus avenue, between Roxbury and Cedar streets	James J. Coughlan Const. Co	May 31, 1905	2,900 00
Norfolk avenue, between Magazine and Marshfield streets	Thomas McMan	June 3, 1905	1,550 00
Blackstone street, between Hanover street and Haymarket square	D. J. Kiley	June 5, 1905	2,955 40
Eliot street, between Washington and Tremont streets	Jeremiah J. Sullivan	June 5, 1905	2,216 70
South street, between Essex and Beach streets	Jeremiah J. Sullivan	June 5, 1905	3,325 50
Gutter paving, Beech st., between Anawan ave. and Westbourne st	Thomas J. Shea	June 5, 1905	675 00
Gutter paving, Beech street, between Westbourne and Washington streets,	Thomas J. Shea	June 5, 1905	750 00
Mercer street, between East Eighth street and Columbia road	Dennis S. Ryan	June 9, 1905	550 00
Gutter paving, Topliff st., between Bowdoin ave. and Westville st	William J. Rafferty	June 9, 1905	850 00
Harrison avenue, between Beach and Kneeland streets	John E. Burns	June 12, 1905	1,990 00
Albany street and East Dedham street, at the Siegel building	John E. Burns	June 13, 1905	900 00
Gutter paving, Warren st., between Cambridge st. and Commonwealth ave.,	Michael J. Coyle	June 14, 1905	1,900 00

Preble street, between Dorchester and Old Colony avenues	Joseph B. O'Rourke	June 16, 1905	1,300 00
Gustin street, between West Ninth street and Old Colony avenue	Dennis S. Ryan	June 19, 1905	840 00
Gutter paving, Akron street, between Alpine and Regent streets	Peter Gilligan	June 20, 1905	650 00
Shelby street, between Lexington and Saratoga streets	C. P. Conlin	June 20, 1905	1,825 00
Gutter paving, Brown avenue, between Ridge and Ashland streets	John H. Broderick	June 22, 1905	1,400 00
Chatham street, between Merchants row and Commercial street	D. J. Kiley	June 28, 1905	2,593 44
Essex street, between Chauncey and Lincoln streets	John McCourt	June 29, 1905	4,554 95
West Seventh street, from Dorchester avenue across C street	William Higgins	July 5, 1905	1,400 00
Gutter paving, Ashmont street, between Neponset avenue and Adams street,	Timothy F. Bradley	July 6, 1905	1,850 00
Boston street, between Mt. Vernon and Dorset streets	Joseph B. O'Rourke	July 6, 1905	1,650 00
South Margin and Norman streets	D. J. Kiley	July 7, 1905	950 00
Village street, between Dover and Castle streets	John E. Burns	July 12, 1905	1,800 00
Silver street, between E and Dorchester streets	Dennis S. Ryan	July 15, 1905	1,900 00
Harrison avenue, between Bedford and Essex streets	William J. Rafferty	July 21, 1905	2,674 60
Dorchester avenue, between Hancock and Leedsville streets	John E. Gill	July 22, 1905	1,700 00
Northampton street, between Washington street and Shawmut avenue	Thomas McMan	August 4, 1905	1,875 00
Harrison avenue, between Decatur street and Gloucester place	John E. Burns	August 19, 1905	680 00
West Sixth street, between C and D streets	William Higgins	August 19, 1905	1,000 00
Gutter paving, Brookline avenue, between Boston & Albany R.R. and Audubon road	John E. Burns	September 16, 1905	1,500 00
Gutter paving, Fellows street, between Northampton and East Lenox sts.	Thomas McMan	September 19, 1905	475 00
Atlantic avenue (westerly side), between Broad and Commercial streets	Robert Eagar	September 26, 1905	5,848 00
Washington street, between Williams and Warren streets	Jeremiah Bradley	October 14, 1905	1,200 00

Paving and Regulating. — *Concluded.*

CONTRACT.	Awarded to	Dated	Cost of Contract, as per Estimated Quantities, not including Materials furnished by the City.
Shawmut avenue, between West Springfield street and Massachusetts av.	John E. Burns	October 26, 1905	$500 00
Gutter paving, Fuller street, between Dorchester avenue and Washington street	Timothy F. Bradley	November 3, 1905	1,750 00
Beacon street, between Dartmouth and Exeter streets	Peter Gilligan	November 6, 1905	700 00
Washington street, between Townsend and Morton streets	Philip Doherty	November 13, 1905	2,350 00
Gutter paving, Talbot avenue, between Washington street and Dorchester avenue	John E. Gill	November 15, 1905	1,050 00
South Market street, between Commercial street and Atlantic avenue	D. J. Kiley	November 18, 1905	1,800 00
Wyoming street, between Warren and Wabeno streets	Robert Eagar	November 28, 1905	900 00
* Haverhill street, between Washington and Causeway streets	D. J. Kiley	December 22, 1905	6,000 00

* Work under this contract was ordered stopped by the Mayor, January 1, 1906.

Artificial Stone Sidewalks.[1]

CONTRACTOR.	Dated	Price per Square Foot.	CONTRACTOR.	Dated	Price per Square Foot.
Simpson Bros. Corporation	March 28, 1905	$0.06	Warren Bros. Company	March 28, 1905	$0.06
Thomas J. Hind	March 28, 1905	.06	W. A. Murtfeldt Company	March 28, 1905	.06
Carr & Andrews Corporation	March 28, 1905	.06			

[1] These walks are guaranteed by a surety company bond for ten (10) years from date of completion, and were laid on various public streets where the contractor had agreements with the abutters.

Furnishing and Laying Artificial Stone Sidewalks.

CONTRACT.	Awarded to	Dated	Price.
Tremont street, between Winter street and Hamilton place	Warren Brothers Company	May 16, 1905	$171 00
Maverick street, between London and Havre streets, and London street from Maverick street 225 feet southerly	Simpson Brothers Corporation	November 27, 1905	717 00

Paving with Trinidad Asphalt.

CONTRACT.	Awarded to	Dated	Price.
South Margin street, from Staniford across Norman street	The Barber Asphalt Paving Co.	July 5, 1905	(A) $3.25 per square yard.
Norman street, between Green and South Margin streets	The Barber Asphalt Paving Co.	July 8, 1905	(A) 3.25 per square yard.
Bennet street, between Ash street and Harrison avenue	The Barber Asphalt Paving Co.	July 11, 1905	(A) 3.25 per square yard.
Salutation street, between Hanover and Commercial streets	The Barber Asphalt Paving Co.	July 27, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard. (D) 0.90 per square yard. (E) 0.40 per square yard. (F) 0.25 per square yard. (G) 0.18 per lineal foot. (H) 0.25 per square yard. (I) 0.30 per square yard.
Hayward place, from Harrison avenue about 192 feet westerly	The Barber Asphalt Paving Co.	August 7, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard. (F) 0.50 per square yard.
Northampton street, between Washington street and Shawmut avenue,	The Barber Asphalt Paving Co.	August 17, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard.
Wiggin street, between Tileston and North Bennet streets	The Barber Asphalt Paving Co.	August 19, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard. (F) 0.25 per square yard. (G) 0.18 per lineal foot. (H) 0.25 per square yard.
Harrison avenue, from north side of Decatur street to south side of Gloucester place	The Barber Asphalt Paving Co.	August 19, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard.
West Sixth street, between C and D streets	The Barber Asphalt Paving Co.	August 31, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard.
Bolton street, between C and D streets	The Barber Asphalt Paving Co.	August 31, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard.

Ash street, between Bennet and Nassau streets	The Barber Asphalt Paving Co.	Sept. 15, 1905	(A) 3.25 per square yard. (B) 2.50 per square yard.
Devonshire street, between Milk and Franklin streets	The Barber Asphalt Paving Co.	Sept. 22, 1905	(B) 2.50 per square yard. (C) 4.50 per cubic yard.
Tileston street, from Hanover across Unity street	The Barber Asphalt Paving Co.	October 6, 1905	(A) $3.25 per square yard. (B) 2.50 per square yard. (D) 0.90 per square yard. (E) 0.40 per square yard. (F) 0.25 per square yard. (G) 0.18 per lineal foot. (H) 0.25 per square yard. (I) 0.30 per square yard.

EXPLANATION OF LETTERS.

(A) Furnishing and laying a 6-inch American cement concrete base, a 1½-inch wearing surface and a 1½-inch binder, and guaranteeing the same for a period of ten (10) years after completion.
(B) Furnishing and laying a 2-inch wearing surface and a 1½-inch binder on existing concrete base and guaranteeing the same for a period of ten (10) years after completion.
(C) Furnishing and laying a 6-inch American cement concrete base.
(D) Laying granite block paving and crosswalk flagging with pitch joints on a concrete base.
(E) Laying granite block paving and crosswalk flagging gravel joints on gravel base.
(F) Excavation for sub-grading, including paving blocks barred up.
(G) Excavating and setting edgestones.
(H) Laying brick sidewalks.
(I) Furnishing and laying concrete base for granite block paving.

[1] Repairing Asphalt.

CONTRACT.	Awarded to	Dated	Price.
Repairing asphalt pavement	The Barber Asphalt Paving Co.	April 1, 1905	$2.50 per square yard. New concrete base, $0.75 per square yard.

[1] These repairs are guaranteed for a period of three (3) years after completion.

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments.

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
Pipe drains in Dorchester st., between Broadway and Eighth st.	John T. Shea, jr.	May 15, 1905	$820 75
Pipe drains in Thomas park	John T. Shea, jr.	May 15, 1905	602 25
East Boston low level sewer, Section 3, in private land (Kneller-st. extension), between Trumbull and Boardman sts.	Metropolitan Contracting Co	May 18, 1905	5,384 00
Pipe surface drain in Vancouver st., between Huntington ave. and Ward st.	Peter W. Hill	May 19, 1905	610 20
Pipe surface drain in St. Alphonsus st., between Smith and Tremont st.	Charles W. Kinney	May 19, 1905	585 00
Pipe drains in Charlotte st., between Blue Hill ave. and Bradshaw st.	Stephen Shaughnessy	May 19, 1905	868 75
Pipe surface drain in Stockton st., between Washington and Milton ave.,	Jeremiah Bradley	May 19, 1905	1,140 00
Pipe sewer in Cherokee st., from Hillside st. to angle in said street	John A. Costello & Co.	May 19, 1905	587 50
Pipe sewer and drains in South Fairview and South sts.	William L. Dolan	May 20, 1905	1,216 50
Pipe sewer in Harvard st., from Austin st. 250 feet southerly	George J. Twiss	May 20, 1905	770 00
Pipe surface drain in Adams st., between Butler and Medway sts.	John McMorrow	May 20, 1905	1,800 00
Pipe drains in Stanley st., between Quincy st. and Sunset circle	Robert Eagar	May 20, 1995	1,068 50
Pipe drains in Gaston st., between Warren and Gannet sts.	John Slattery	May 20, 1905	1,394 00
Pipe drains in Quincy st., between Columbia road and Stanley st.	Connolly Brothers	May 23, 1905	1,701 00
Pipe sewer in Walk Hill st., between existing sewer and Almont st.	F. L. Williams	May 24, 1905	700 00
Sewerage works, Bennington st., and outlet across Chelsea st., Saratoga st., Private land and Bremen st.	D. F. O'Connell Co.	May 31, 1905	3,555 50
Pipe sewer in Beech Glen st., from Fort ave. 190 feet southerly	George M. Bryne Co.	June 8, 1905	1,425 25

Pipe drains in Sutherland and Lanark roads, between Commonwealth ave. and Kinross road	Thomas J. Young Co	June 8, 1905	1,231 30
Pipe surface drain, Fremont street, between Blue Hill ave. and Norfolk st.	James W. O'Brien	June 9, 1905	550 00
Concrete conduit in Centre and Billings sts., from east side of Centre to George st	Thomas F. Welch	July 8, 1905	1,922 00
Pipe sewers in Church street, between Bowdoin st. and Prescott pl	James W. O'Brien	July 10, 1905	1,237 00
Pipe sewer in Groveland st., between River and Manchester sts	Charles W. Kinney	July 11, 1905	1,070 00
Pipe sewer in River street, between Idaho and Groveland sts	Jeremiah Bradley	July 11, 1905	840 00
Pipe sewer and drain in Neponset ave., from Hyde Park ave. 550 feet easterly	Robert Eagar	July 12, 1905	1,143 25
Pipe sewer in Prescott pl., from Church st. 250 feet northerly	William J. Barry	July 12, 1905	1,447 75
Pipe sewer and drain in Frankfort st., between Neptune ave. and Swift st	C. P. Conlin	July 13, 1905	1,588 00
Pipe sewer and drain in Mt. Hope st., from Stony Brook 180 feet northwesterly	Connolly and Graham	July 14, 1905	1,974 00
Pipe sewer and drain in Bellevue st., from old lamp-hole 150 feet southeast of Martin st. to Robin st	John Slattery	July 21, 1905	1,241 00
Pipe sewer and drain in Penfield st., between Amherst and Linden sts	William L. Dolan	July 21, 1905	841 00
Pipe sewer and drain in South st., between Edgemont and Guernsey sts	John A. Costello & Co	July 24, 1905	970 00
Pipe sewer and drain in La Grange st., between Landseer and Linnet sts.,	Stephen Shaughnessy	July 26, 1905	1,800 00
Pipe sewer in Hamilton st., between Coleman and Bowdoin sts	George J. Twiss	July 31, 1905	1,630 25
Pipe sewer and drain in Kingsley st., between Rena and North Harvard sts.	Thomas J. Young Co	August 7, 1905	1, 953 00
Pipe sewer in Q st., between East Second and East Third sts	John T. Shea, jr	August 11, 1905	982 00
Pipe sewer in Boutwell st., between Neponset ave. and Train st	John McMorrow	August 16, 1905	1,955 00
Pipe sewer and drain in Ashland st., between Rowe st. and Brown ave.	Michael Leonard	August 16, 1905	1,700 00

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
Pipe sewer and drain in Linden st., between Belgrade ave. and Penfield st.	P. Brennan & Co.	August 22, 1905	$1,221 00
Pipe sewer and drain in Robin st., between Bellevue and Park sts.	Peter W. Hill	August 24, 1905	1,516 00
Pipe sewer in Freeport st., between Dorchester Intercepting sewer and Neponset ave.	John Slattery	August 24, 1905	1,200 00
Sewerage works in Curtis st., between Chelsea and Pope sts.	Timothy J. O'Connell	September 2, 1905	3,596 75
Pipe sewer in Ashmont st., between Elm pl. and Adams st.	John McMorrow	September 6, 1905	1,978 00
Pipe sewer and drain in Rowe st., from private way 60 feet northeast of Ashland st. to Allen st.	Robert Eagar	September 6, 1905	994 00
Pipe sewer and drain in Allen st., between Rowe st. and Brown ave.	William T. Davern	September 7, 1905	719 00
Pipe sewer in Adams st., from Ashmont st. 200 feet northerly	John E. Burns	September 9, 1905	640 00
Pipe sewer and drain in Larch pl., between Hyde Park ave. and New York, New Haven & Hartford R.R.	John E. Burns	September 9, 1905	500 00
Pipe sewers in Parker Hill ave. and Harleston street.	Charles J. Jacobs	September 27, 1905	625 00
Pipe surface drains in Alban st., between Ashmont st. and Welles ave.	John McMorrow	October 12, 1905	1,710 00
Pipe drains in Corey rd., from a point 250 feet north of Cummings rd. to private st. 200 feet northerly	Thomas J. Young Co.	October 13, 1905	905 00
Pipe surface drains in Ivy st., between St. Mary's and Mountfort sts.	Charles W. Kinney	October 13, 1905	1,477 00
Pipe drains in Flora st., between Clement ave. and Kenneth st.	Michael J. Collins	October 13, 1905	957 00
Pipe drains in Rexhame st., between Belgrade and Colberg avenues	Thomas J. Shea	October 13, 1905	937 00

Pipe drains in Houston, Metcalf and Penfield sts., between Roslindale brook and Belgrade ave	William L. Dolan	October 13, 1905	1,443 00
Pipe surface drain in Lawn and Hayden sts	Charles J. Jacobs	October 13, 1905	992 25
Pipe surface drain in Ocean st., between Ashmont st. and Welles ave	Jeremiah Bradley	October 13, 1905	1,655 00
Pipe drains in Wayne st., between Blue Hill ave. and Maple st	Stephen Shaughnessy	October 14, 1905	1,360 95
Pipe sewer and drain in Garden st., from Maple st. 190 feet westerly	Thomas F. Welch	October 14, 1905	907 00
Pipe drains in Kingsdale st., from Bernard st. to end of street	Thomas J. Finneran	October 14, 1905	1,359 50
Pipe drains in Humboldt ave., between Walnut ave. and Laurel st	William J. Barry	October 14, 1905	1,470 30
Pipe surface drains in Bickerstaff st., between Haviland and Astor sts	Peter W. Hill	October 14, 1905	1,657 00
Pipe sewer and drains in Meridian st., between Havre and Paris sts	C. P. Conlin	October 14, 1905	1,052 00
Pipe drains in Clement ave., between Stratford ave. and Flora st	George J. Twiss	October 14, 1905	579 00
Pipe sewer and drain in Havey st., from Dudley ave. 200 ft. southwesterly,	James W. O'Brien	October 14, 1905	645 00
Pipe drains in Schuyler st., between Maple st. and Elm Hill ave	Peter Gilligan	October 14, 1905	1,366 00
Pipe drains in Galena st., between Elmore and Kingsbury sts	John T. Shea, jr.	October 16, 1905	1,303 70
Pipe drains in Sunderland st., between Blue Hill ave. and Warren st	Dennis S. Ryan	October 16, 1905	609 70
Pipe sewers and drains in Howland st., between Warren st. and Elm Hill ave	P. Brennan & Co.	October 16, 1905	1,991 55
Pipe drains in Waumbeck st., between Wenonah and Warren sts	John A. Rooney	October 16, 1905	1,361 50
Pipe drains in Elmore st., between Washington st. and Walnut ave	John Slattery	October 16, 1905	1,546 50
Pipe sewer and drain in Cheshire st., from existing sewer to end of street 210 feet northeasterly	Francis O'Neil	October 16, 1905	921 00
Pipe surface drain in Ellingwood st., from Estey st. 540 ft. northwesterly	John A. Costello & Co	October 16, 1905	1,194 30
Talbot ave. high level sewer, Section 1, in Ashland st., and private land between Metropolitan high level sewer and northeasterly side of Ashland st	George M. Bryne Co	October 16, 1905	1,880 00

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
Pipe sewers and drains in Munroe st., from Walnut ave. 620 feet easterly,	James J. Coughlan Const. Co.	October 16, 1906	$1,801 50
Pipe sewer in Elm Hill ave., from existing sewer, near Wenonah st. to a point 100 feet northeast	John E. Gill	October 17, 1905	580 00
Pipe surface drain in Mora st., between Washington st. and Milton ave.,	Connolly & Graham	October 18, 1905	1,604 00
Pipe surface drain in Evelyn st., between Norfolk st. and Blue Hill ave.,	George J. Regan	October 21, 1905	1,512 00
Pipe drains in Rockland st., between Rockland ave. and Warren st.	John E. Burns	October 23, 1905	1,928 00
Pipe surface drain in Centre st., between Washington and Seaborn sts.	John E. Burns	October 23, 1905	1,100 00
Pipe sewer in Hollingsworth st., from Oakland st. 560 feet southerly	F. L. Williams	October 24, 1905	1,479 00
Pipe surface drains in Mountfort st., between Beacon st. and Audubon road	Charles J. Jacobs	October 24, 1905	1,535 00
Pipe drains in Mt. Everett st., from Quincy st. 480 feet southerly	John E. Gill	October 24, 1905	1,937 75
Pipe surface drains in Middleton st., between Wildwood and Norfolk sts.,	Dennis S. Ryan	October 24, 1905	952 00
Pipe drains in Tileston ave., from Blue Hill ave. 530 feet westerly	F. A. Bianco & Sons	October 24, 1905	750 00
Concrete conduit in Warren st., between Allston st. and Woodstock ave.,	D. E. Coleman Co.	October 24, 1905	1,992 00
Pipe drains in Cheney st., between Blue Hill ave. and Hartwell sts.	William J. Barry	October 25, 1905	1,235 25
Pipe sewers and drains in Hartwell st., between Georgia and Cheney sts.,	Peter Gilligan	October 26, 1905	987 10
Pipe surface drain in Welles ave., between Wainwright and Washington sts.	John McMorrow	October 26, 1905	1,773 00
Pipe sewers and drains in Harvard st., between Washington and Chamberlain sts.	Francis J. O'Neil	October 26, 1905	1,320 40

Pipe surface drain in Darling st., between Calumet and Hillside sts.	Charles W. Kinney	October 27, 1905	1,075 05
Pipe surface drain in Brent st., between Wainwright and Washington sts.,	Timothy F. Bradley	October 27, 1905	1,065 00
Pipe drains in Alaska st., between Blue Hill ave. and Perrin st.	George J. Twiss	October 27, 1905	1,668 55
Pipe drains in Devon st., between Blue Hill ave. and Warren st.	Thomas J. Finneran	October 30, 1905	1,101 25
Pipe surface drain in Harley st., between Welles ave. and Roslin st.	James W. O'Brien	October 30, 1905	880 00
Pipe drains in Magnolia st., between Quincy st. and Lawrence ave.	Michael J. Collins	October 30, 1905	1,608 70
Pipe drains in Malcolm st., between Belgrade and Colberg aves.	Thomas J. Shea	October 30, 1905	1,294 00
Pipe drains in Belgrade ave., between Malcolm and Beech sts.	William L. Dolan	October 30, 1905	1,534 00
Pipe drains in Southwood st., between Blue Hill ave. and Edgewood st.	William J. Barry	October 31, 1905	1,531 60
Pipe drains in Georgia st., between Blue Hill ave. and Maple st.	John E. Burns	October 31, 1905	1,832 00
Pipe drains in Aspen st., between Copeland and Montrose sts.	Stephen Shaughnessy	October 31, 1905	866 80
Pipe sewer in private land, between Rosewood and Hollingsworth sts.	Timothy J. O'Connell	October 31, 1905	1,192 50
Pipe surface drains in Lawn and Estey sts., between Heath st. and Fisher ave.	John A. Costello & Co.	October 31, 1905	823 45
Pipe surface drain in Birch st., between Callender st. and Lauriat ave.	William J. Rafferty	November 1, 1905	551 80
Pipe surface drain in Ashmont st., between Waldorf and Alban sts.	John T. Shea, jr.	November 1, 1905	1,325 00
Pipe drain in Binney st., between Longwood ave. and Smyrna st.	Herr & Raftus	November 1, 1905	516 00
Pipe surface drains in Wheatland ave., between Washington and Whitfield sts.	Charles J. Jacobs	November 1, 1905	1,026 00
Concrete conduit in Commonwealth ave. and Allston st., from north side of Commonwealth ave. to Warren st.	D. E. Coleman Co.	November 2, 1905	1,994 48
Pipe drains in Wordsworth st., between Saratoga and Pope sts.	C. P. Conlin	November 2, 1905	1,956 00
Pipe drains in Lorraine st., between Belgrade and Colberg aves.	George H. Noone	November 2, 1905	1,269 00
Pipe surface drains in Darling st., between Southern ave. and Norfolk st.	Peter Gilligan	November 2, 1905	826 00

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
Pipe surface drain in Sturbridge st., between Monson and Sanford sts...	Jeremiah Bradley.....	November 3, 1905.....	$1,084 00
Pipe drains in Lawrence ave., between Lawrence park and Magnolia st.,	George J. Regan.....	November 3, 1905.....	1,844 25
Pipe sewer in Fulton st., between Cross and Ferry sts.....	James J. Coughlan Const. Co....	November 6, 1905.....	1,221 25
Pipe surface drains in Jones ave., between Ballou ave. and Mascot st....	Dennis S. Ryan.....	November 6, 1905.....	989 00
Pipe drains in Hemenway st., between Bryant st. and Westland ave.....	Robert Eagar.....	November 6, 1905.....	1,574 45
Pipe sewer and drains in Decatur st., between Vine and Bainbridge sts.,	P. Brennan & Co.....	November 6, 1905.....	1,207 00
Pipe surface drains in Norfolk st., between Morton and Mascot sts.....	Connolly & Graham.....	November 7, 1905.....	1,210 00
Pipe drains in Harold st., between Munroe and Townsend sts.....	John Slattery.....	November 7, 1905.....	1,527 50
Pipe surface drain in Rockwell st., between Washington and Milton ave.,	James McGovern.	November 7, 1905.....	1,538 00
Pipe drains in Greenheys st., between Magnolia and Mascoma sts.....	William J. Barry.....	November 7, 1905.....	1,986 90
Pipe sewer and surface drains in Roslin st., between Washington and Ocean sts.....	John McMorrow.....	November 7, 1905.....	1,731 40
Pipe drains in Amherst st., between Roslindale brook and Dudley ave..	Thomas F. Welch.....	November 7, 1905.....	1,397 00
Pipe surface drains in passageway north of Ivy st., between St. Mary's and Mountfort sts.....	Charles J. Jacobs.....	November 8, 1905.....	942 00
Pipe surface drains in passageway between Beacon and Ivy sts., from St. Mary's to Mountfort sts.....	Charles W. Kenney.....	November 8, 1905.....	1,969 80
Pipe surface drains in passageway between Mountfort st. and Boston & Albany R.R., from St. Mary's st. 1,400 feet easterly.....	Michael Leonard.....	November 8, 1905.....	1,741 90
Pipe drains in Norton street, from Board of Survey street No. 1831 to a point 200 feet east to the angle.....	William T. Davern.....	November 8, 1905.....	1,290 10

Pipe drains in Bullard street, between Rosseter st. and Bowdoin ave....	F. A. Bianco & Sons.....	November 8, 1905.....	1,057 50
Pipe drains in Park View st., between Hutchings and Seaver sts.....	John A. Rooney	November 8, 1905.....	1,022 90
Pipe surface drain in Walton st., between Washington and Harley sts..	Stephen Shaughnessy.....	November 9, 1905.....	600 00
Pipe drains in Fayston st., between Blue Hill ave. and Mascoma st.....	John F. Cullen.....	November 9, 1905.....	1,998 20
Pipe drains in Blakeville st., from Olney st. 350 feet southerly.....	William Barrett.....	November 9, 1905.....	1,421 15
Pipe sewer and drain in Brook st., between Orange st. and Bellevue ave.,	Joseph Todesca.....	November 9, 1905.....	528 00
Pipe drains in Board of Survey street No. 1831, between Norton and Olney sts.....	Thomas J. Finneran.....	November 10, 1905....	1,447 25
Pipe sewer and drain in Champney st., between Washington and Stratton sts.....	John H. Crane..... ..	November 10, 1905....	1,898 00
Pipe drains in Montello st., between Belgrade and Colberg aves.....	Thomas F. Minton	November 10, 1905....	1,251 00
Pipe drains in Waverly st., between Blue Hill ave. and Perrin st.....	Peter Gilligan.....	November 11, 1905....	1,997 50
Pipe drains in Mascoma st., between Quincy st. and Lawrence ave.....	George J. Regan	November 11, 1905....	1,313 90
Pipe surface drain in Oakwood st., between Norfolk and Torrey sts.....	James W. O'Brien	November 11, 1905....	808 00
Pipe sewer and drain in Corey road from Summit ave. 200 feet southwesterly.....	McBride & Co.....	November 13, 1905....	565 00
Pipe service drain in Gainsborough st., between Hemenway and St. Stephen sts.....	John A. Costello & Co..... ..	November 13, 1905....	912 00
Pipe sewers and drains in Champney st., between Columbia road and Old Colony avenue.....	William J. Rafferty	November 13, 1905....	1,920 00
Pipe drains in Nazing st., between Blue Hill ave. and Maple st.....	William J. Barry.....	November 13, 1905....	1,179 00
Pipe surface drain in Ruggles st., between Parker and Tremont sts., and Vancouver st. between Huntington ave. and Ruggles st.....	Philip Doherty.....	November 13, 1905....	1,513 35
Pipe surface drain in Melville ave., between Waldeck and Washington sts.....	D. M. Dwyer & Co.....	November 14, 1905....	1,890 00

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
Talbot ave. high level sewer in Morton st. and private land between proposed st. and Harvard st.	Peter W. Hill	November 14, 1905	$8,161 10
Pipe surface drains in Beacon st., between St. Mary's and Mountfort sts.	Charles J. Jacobs	November 14, 1905	1,970 50
Talbot ave. high level sewer, Section 5, in private land from 1,825 feet east of Walk Hill st. to Morton st.	William J. Barry	November 14, 1905	13,312 00
Pipe drains in Kineo st., between Mascoma and Magnolia sts.	Francis J. O'Neil	November 15, 1905	801 50
Pipe drains in Washington st., between Kittredge and Albano sts.	William L. Dolan	November 15, 1905	1,465 00
Pipe surface drain in Armandine st., from 500 feet west of Washington st. to Milton ave.	George J. Regan	November 15, 1905	1,750 00
Pipe surface drains in Wait st., between Hillside st. and Parker Hill ave.	John McCourt	November 15, 1905	617 00
Pipe surface drain in Oakridge st., between Morton and Codman sts.	John McMorrow	November 15, 1905	1,230 00
Pipe surface drain in Tremlett st., between Waldeck and Washington sts.	Timothy J. O'Connell	November 15, 1905	1,200 00
Pipe drains in Birch st., between Roslindale brook and Dudley ave.	Thomas J. Shea	November 15, 1905	1,986 00
Pipe surface drains in River st., between Mattapan sq. and Hyde Park line	John E. Burns	November 17, 1905	4,300 00
Pipe surface drain in Moultrie st., between Washington and Allston sts.	John T. Shea, jr.	November 18, 1905	1,080 00
Pipe surface drains in Sanford street, from Sturbridge st. 300 ft. easterly	Timothy F. Bradley	November 18, 1905	920 00
Pipe sewers and drains in Prescott st., between Bremen and Orleans sts., and between Lubec and Cleveland sts.	Timothy J. O'Connell	November 18, 1905	3,142 70
Pipe surface drains in Atlantic-ave. extension, from Kneeland st. 430 feet southerly	Patrick McGovern	November 18, 1905	1,100 50

Pipe drains in Brookledge street, between Humboldt and Elm Hill aves.	Robert Eagar	November 20, 1905	2,716 76
Pipe sewers and drains in Bower st., between Humboldt and Walnut aves.	William J. Barry	November 20, 1905	2,768 00
Pipe sewer and drain in Tufts st., between Bunker Hill and Princeton streets	P. Brennen & Co.	November 20, 1905	1,620 00
Pipe drains in Olney st., between Bowdoin st. and Rock terrace	Geo. M. Bryne Co.	November 20, 1905	2,997 70
Pipe drains in Hollander st., between Harold and Crawford sts	Herr & Raftus	November 20, 1905	612 50
Pipe drains in Kane st. and outlet in Bellevue st	John E. Gill	November 20, 1905	1,848 50
Pipe drains in Woodcliff st., between Howard and Blue Hill aves	William T. Davern	November 20, 1905	1,655 20
Pipe drain in Willowwood st. and Ballou ave., between Dumas and Norfolk sts	John McMorrow	November 20, 1905	2,576 00
Pipe drains in Sargent st., between Howard ave. and Hartford st	Connolly and Graham	November 20, 1905	3,126 00
Pipe drains in Homestead st., between Humboldt and Elm Hill aves	John Slattery	November 20, 1905	2,907 00
Pipe surface drain in Woolson st., between Blue Hill ave. and Norfolk st.	George J. Regan	November 21, 1905	2,700 00
Pipe surface drain in Kenwood st., between Washington and Allston sts.	Jeremiah Bradley	November 21, 1905	1,585 00
Pipe drains in Richfield st., between Pilgrim pl. and Olney st	John A. Rooney	November 21, 1905	2,564 50
Pipe drains in Hutchings st., between Humboldt and Blue Hill aves	James J. Coughlan Const. Co.	November 22, 1905	3,057 30
Pipe drains in Perrin st., between Alaska and Moreland sts	Charles J. Jacobs	November 23, 1905	1,996 25
Pipe drains in Dove st., between Dacia st. and Blue Hill ave	Thomas Burke	November 24, 1905	730 05
Pipe drains in Allston pl., between Woodstock ave., and Corey road	D. E. Coleman Co	November 25, 1905	687 50
Pipe drains in Woodstock ave., between Warren st. and Allston pl	D. E. Coleman Co.	November 25, 1905	697 00
Pipe sewer and drain in Walker st., from outlet 400 ft. north of Dunbar st. to Weld st.	McBride & Co.	November 25, 1905	3,736 45
Pipe sewer and drain in Arthur st., between Dunbar and Weld sts	McBride & Co.	November 25, 1905	1,482 83

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
Dorchester high level sewer in River st., between Board of Survey street No. 516 and Groveland st., Section 4	W. B. Bryne	November 25, 1905	$15,237 64
Pipe drains in Colberg ave., between Belgrade ave. and Lorraine st	Thomas J. Shea	November 27, 1905	1,999 50
Pipe drains in Dewey st., from Blue Hill ave. 80 feet east of Danube st	William J. Rafferty	November 29, 1905	1,314 60
Pipe drains in Albano st., between Washington and Kittredge sts	William L. Dolan	November 29, 1905	1,202 00
Pipe surface drains in Oak ter. and outlet in Lyons st., between Callender and Birch sts	Peter Gilligan	November 29, 1905	1,764 40
Pipe surface drain in Milton ave., between Edson and Fairmount sts	James McGovern	November 29, 1905	1,954 00
Pipe sewer and drains in Jewett st., between Mt. Hope st. and Neponset ave	John A. Rooney	December 1, 1905	2,231 00
Pipe drains in Amherst st., between Belgrade ave. and Penfield st	Thomas F. Welch	December 1, 1905	847 00
Pipe drains in Horace st., between Moore and Byron sts	C. P. Conlin	December 1, 1905	1,102 00
Pipe sewer in Sherman st., between Dale and Rockland sts	William J. Barry	December 1, 1905	1,363 00
Pipe surface drains in Withington st., between Norfolk and Torrey sts	John E. Gill	December 2, 1905	1,350 00
Pipe surface drain in Fairmount st., between Milton ave. and Nevada st	Thomas J. Finneran	December 2, 1905	877 00
Pipe surface drains in Mattapan st., from Blue Hill ave. to Summit, 540 feet westerly	George J. Twiss	December 2, 1905	1,182 00
Pipe sewer in Conley and Norwood sts., between Freeport and Tolman sts	Peter W. Hill	December 2, 1905	3,454 90
Pipe sewer and drain in private land between Addington road and Walker st	John A. Rooney	December 8, 1905	3,822 10

Pipe sewers and drains in Cunningham st., between Howard ave. and Hartford st.	P. Brennan & Co.	December 18, 1905	2,589 00
Pipe drains in Hartford st., between Wayland and Chamblet sts.	George J. Regan	December 18, 1905	2,829 50
Dorchester Brook sewer in private land, Rockford st., Brook ave. and Brook-ave. place	D. F. O'Connell Co.	December 19, 1905	31,052 75
* Pipe sewer and drains in private land, between Mt. Hope st. and Neponset ave. (outlet for Neponset ave.)	William L. Dolan	December 22, 1905	2,200 00
* Pipe surface drain in Fessenden st., between Blue Hill ave. and Norfolk st.	John McMorrow	December 22, 1905	2,347 00
* Pipe drains in Munroe st., between Warren st., and Humboldt ave.	John Slattery	December 22, 1905	2,987 30
* Pipe sewers and drains in Lansing st., between Sherman and Warren sts.	Charles J. Jacobs	December 22, 1905	1,812 50
* Pipe sewer and drain in Walk Hill st., between Talbot ave. high level sewer and Paine st.	Dennis S. Ryan	December 22, 1905	1,960 00
* Pipe sewer and drain in Avalon road, between Addington road and Weld st.	Thomas J. Shea	December 27, 1905	2,495 00
* Pipe sewer and drain in Dudley ave., between South and S. Fairview sts.	Charles W. Kinney	December 27, 1905	795 00
* Pipe sewers and drains in Howard ave., between Woodcliff and Sargent sts.	John E. Burns	December 27, 1905	3,514 70
* Pipe sewer and drain in South Fairview st., from Dudley ave. 450 feet westerly	Charles W. Kinney	December 27, 1905	1,111 00
* Pipe sewer and drain in Maple st., between Addington road and Weld st.	Peter Gilligan	December 27, 1905	3,096 00
* Pipe sewer and drain in Canterbury st., between Ashland st. and Hyde Park ave.	William L. Dolan	December 27, 1905	2,732 00
* Pipe drains in Devon st., between Blue Hill ave. and Columbia road	Connolly & Graham	December 27, 1905	3,702 50
* Pipe sewer and drain in Chilton road, between Addington road and Weld st.	Charles W. Kinney	December 27, 1905	2,078 00

* Work under these contracts was ordered stopped by the Mayor January 1, 1906.

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments. — *Continued.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
* Pipe drains in Stanwood st., between Blue Hill ave. and Columbia road,	Connolly & Graham	December 27, 1905	$3,550 90
* Pipe drains in Stanley st., between Bellevue and Quincy sts	Jeremiah Bradley	December 27, 1905	1,034 80
* Pipe sewers and drains in Chadwick st. and Orchard pk	John E. Burns	December 27, 1905	2,851 25
* Pipe surface drain in Rockville st., between Blue Hill ave. and Oakland st	James W. O'Brien	December 27, 1905	1,939 00
* Pipe sewers and drains in Walnut ave., between Crawford and Townsend sts	Robert Eagar	December 27, 1905	2,037 15
* Pipe surface drains in Fremont st., between River and Norfolk sts	P. Brennan & Co.	December 27, 1905	2,305 50
* Pipe surface drains in Adams st., between Minot and Milton sts	James McGovern	December 27, 1905	2,550 00
* Sewerage works in Holworthy st., between Crawford and Harold sts	James J. Coughlan Const. Co.	December 27, 1905	4,104 80
* Pipe sewers and drains in Julian st., between Blue Hill ave. and Cottage ct	George J. Twiss	December 27, 1905	1,512 20
* Pipe sewer and drain in Folsom st., between Mt. Hope st. and Neponset ave	John T. Shea, jr.	December 27, 1905	2,089 00
* Pipe sewer and drain in Malcolm st., private land and Central st., between Belgrade ave. and Centre st	D. E. Coleman Co.	December 27, 1905	2,167 00
* Pipe surface drain in Wilmington ave., between Milton ave. and Nevada st	Timothy J. O'Connell	December 27, 1905	776 00
* Pipe sewer and drain in Ashland st., between Canterbury and Sutton sts	F. A. Bianco & Sons	December 27, 1905	1,618 00
* Pipe surface drains in Calumet st., between Hillside st. and 400 ft. southeasterly	John A. Costello & Co.	December 27, 1905	534 80

* Pipe surface drains in Day st., between Minden and Heath sts.	D. E. Coleman Co.	December 27, 1905	666 00
* Pipe sewer and drain in Wachusett st., between Weld Hill st. and 630 feet southwesterly	Charles J. Jacobs	December 27, 1905	3,772 00
* Pipe surface drains in Iroquois st., from Calumet st. 800 feet westerly	John A. Costello & Co.	December 27, 1905	1,013 60
* Surface drains in St. Stephen st., between Bryan st. and Massachusetts ave	Patrick McGovern	December 27, 1905	8,828 50
* Sewerage works in Morton st. and outlet in Lucerne st., between Harvest and Norfolk sts	John McMorrow	December 27, 1905	5,300 00
* Sewerage works in Harold st., between Holworthy and Crawford sts.	George J. Regan	December 27, 1905	3,814 95
* Sewerage works in Winslow st., between Eustis and Palmer sts	James J. Coughlan Const. Co.	December 27, 1905	2,847 10
* Sewerage works in Westland entrance, between Rumford road and Hemenway st	William J. Barry	December 27, 1905	4,138 70
* Sewerage works for Florence-street brook conduit, section 2, in private land between Florence and Ridge sts	George M. Bryne Co.	December 27, 1905	4,581 00
* Sewerage works in Geneva ave., between Normandy st. and Blue Hill ave	John Slattery	December 27, 1905	4,928 55
* Sewerage works for Florence-street brook conduit, section 1, in Florence st., between Roslindale brook and Harrison st	John A. Rooney	December 27, 1905	5,062 00
* Pipe sewer and drains in Fremont pl., between Fremont st. and Cook's ct	George J. Regan	December 28, 1905	4,000 00
* Pipe drains in Rand st., between Brookford st. and Rand pl	P. Brennan & Co.	December 28, 1905	1,408 00
* Pipe surface drain in Temple st., between Sanford and Monson sts	Thomas J. Finneran	December 30, 1905	715 00
* Pipe drains in Ashland st., between Florence-street branch of Stony Brook and Brown ave	John F. Cullen	December 30, 1905	1,883 00
* Pipe drains in Florence st., from Poplar st. 350 feet northeast of Ashland st	Dennis S. Ryan	December 30, 1905	1,600 00
* Pipe sewer and drain in Centre st., between Central and Guernsey sts.	Michael Leonard	December 30, 1905	3,638 00

* Work under these contracts was ordered stopped by the Mayor January 1, 1906.

Sewer Construction under Chapter 426 of the Acts of 1897, and Amendments. — *Concluded.*

CONTRACT.	Awarded to	Dated	Cost of Contracts, as per Estimated Quantities, not including Materials furnished by the City.
* Pipe sewer in Kingsdale st. and outlet in Wales st	Stephen Shaughnessy	December 30, 1905	$1,923 50
* Pipe sewer and drains in Gladstone st., between Tower st. and existing sewer 340 feet easterly	C. P. Conlin	December 30, 1905	1,000 00
* Pipe drains in Homer st., between Moore and Byron sts	C. P. Conlin	December 30, 1905	1,050 00
* Sewerage works in private land and across Ashland st. from Stony brook to Gilman st., and in Ashland st. from private land 100 feet southerly	Thomas J. Finneran	December 30, 1905	1,807 00

* Work under these contracts was ordered stopped by the Mayor January 1, 1906.

Bitulithic Pavement.[1]

CONTRACT.	Awarded to	Dated	Price.
Thomas park	Warren Brothers Company	May 20, 1905	$24,000 00
Dorchester street, between Broadway and Eighth street	Warren Brothers Company	June 2, 1905	23,963 40
McLean street, between Chambers and Blossom streets	Warren Brothers Company	June 28, 1905	4,400 00
Allen street, between Chambers and Blossom streets	Warren Brothers Company	June 28, 1905	4,600 00
Boylston street, from Massachusetts avenue to the Parkway	Warren Brothers Company	July 21, 1905	14,200 00
Clarendon street, between Beacon and Boylston streets	Warren Brothers Company	July 21, 1905	16,500 00

St. Alphonsus street, from Tremont street across Smith street	Warren Brothers Company	August 17, 1905	5,200 00
Albany street, from Massachusetts avenue about 225 feet northerly	Warren Brothers Company	September 21, 1905	2,500 00
Tyler street, between Beach and Harvard streets, and between Oak and Curve streets	Warren Brothers Company	September 21, 1905	8,650 00
Harrison avenue, between East Springfield and Northampton streets	Warren Brothers Company	September 21, 1905	5,500 00
Albany st., from the easterly side of Stoughton st. across E. Concord st.,	Warren Brothers Company	November 18, 1905	4,750 00

[1] These streets are guaranteed by a surety company bond for ten (10) years from date of completion.

Retaining Walls.

CONTRACT.	Awarded to	Dated.	Price.
Retaining wall on Freeport street at estate of Mary A. Regan	John H. Broderick	September 12, 1905	$4,000 00

Pile-driving for Sewers.

CONTRACT.	Awarded to	Dated	Price.
Furnishing and driving concrete piles for sewer in A street, between Melcher and Congress streets	Healey Sewer Machine and Construction Co.	June 30, 1905	$1,662 50

Moon Island Construction, Etc.

CONTRACT.	Awarded to	Dated	Price.
Furnishing and installing two Tomlinson barometric tube condensers for sewage pumping engines Nos. 3 and 4 at the pumping station, Calf Pasture	Alles-Chalmers Company	June 20, 1905	$3,037 00
Repairing and pointing walls of the storage reservoirs at Moon Island outfall sewer	William J. Hallion	September 21, 1905	6,545 00
Excavating material and placing concrete around force mains at the pumping station, Calf Pasture	Connolly & Graham	September 29, 1905	For each cubic yard of earth excavation, including refilling trenches, the sum of eighty (80) cents. For each cubic yard of Portland cement concrete in place, including the placing of steel bands, the sum of three (3) dollars.

Stony Brook, Back Bay Fens.

CONTRACT.	Awarded to	Dated	Price.
Completing the construction of Gate House No. 1, etc., Stony Brook, Back Bay Fens	John B. Graham	May 8, 1905	$61,133 59

Miscellaneous Agreements.

CONTRACT.	Awarded to	Dated	Price.
Garbage disposal station, Calf Pasture, Dorchester	New England Sanitary Product Co.	February 8, 1898	$47,400 per year for 10 years.
Agreement to keep the sewer at Moon Island free from grease	W. J. Tavender	August 10, 1898, for 10 years	All grease and other materials to become the property of said Tavender.
Refuse disposal station, Atlantic avenue	City Refuse Utilization Co.	September 10, 1898	$5,500 per year for 10 years
Disposal of refuse wastes in the Brighton District	The City Waste Disposal Co.	December 13, 1899	$500 per year for 10 years.
Removing dead animals from public streets and places	The N. Ward Co.	November 7, 1901, for 10 years	No charge to city.
Four (4) weighing machines at ferry head-houses	The National Automatic Weighing Machine Co.	January 30, 1905	$350 paid to the city.
Lengthening and readjusting draw on Congress-street bridge	Seth Perkins	April 4, 1905	$3,700
Furnishing two Buffalo Pitts double cylinder steam road rollers	Buffalo Steam Roller Co.	April 5, 1905	$6,600
Grading in Geneva avenue at the New York & New England R.R.	John E. Gill	May 16, 1905	For each cubic yard earth excavation the sum of seventy-five (75) cents.
Moving building and wall and rebuilding same, Paving Division stable, Medford street, Charlestown	Lawler Bros.	June 13, 1905	$1,850
Constructing Temple-street tunnel, West Roxbury	New York, New Haven & Hartford R.R. Co.	August 1, 1905	$30,000
Repairing Cottage-street foot-bridge, East Boston	W. S. Rendle Co.	October 4, 1905	$4,237.10
Widening the opening for the passage of vessels at Dover-street bridge	Cahill Construction Co.	October 28, 1905	$6,502

Miscellaneous Agreements. — *Concluded.*

CONTRACT.	Awarded to	Dated	Price
Relaying coal tar sidewalks on Englewood avenue, from Chestnut Hill avenue to Brookline line	Simpson Bros. Corporation	October 30, 1905	$1,700
Relaying coal tar sidewalks on Green street, between Centre and Washington streets	Simpson Bros. Corporation	November 1, 1905	For each square yard relaid the sum of one (1) dollar.
Furnishing brick, cement and drain pipe	William C. Norcross Co	November 2, 1905	Over $2,000.
Furnishing brick, cement and drain pipe	J. P. O'Connell & Co	November 2, 1905	Over $2,000.
Building a wharf and coal-pocket at the North Ferry, East Boston	George Hayes & Co	November 3, 1905	$24,724

TABLE SHOWING THE COST OF ASPHALT REPAIRS PER SQUARE YARD OF STREET SURFACE, FROM 1901 TO 1905 INCLUSIVE.

Trinidad Asphalt.

City Proper.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Albany street	80 feet north of Broadway, across Way street	1899	.....	.....	.....	*	
Albany street	East Concord street to 225 feet north of Massachusetts avenue	1884	$0.029	$0.019	$0.090	$0.029	$0.082
Arch street	Franklin street to Milk street	1893	.000	.065	.069	.091	.057
Ash street	Bennet street to Nassau street	1887	.128	.064	.018	.033	
Barton court	Barton street to Brighton street	1894	.113	.....	.....	†	
Batterymarch street	Milk street to Liberty square	1896	*	.000	.000	·247	.004
Beacon street	Charles street, across Arlington street	1891	.075	.024	.047	.043	.048
Beacon street	Easterly side of Dartmouth street to within 150 feet of westerly line of Gloucester street	1892	.049	.020	.033	.060	.013
Beacon street	150 feet from westerly line of Gloucester to 68 feet beyond westerly line of Gloucester street	1898	.....	.....	*	.004	.006
Beacon street	68 feet west of Gloucester street to Massachusetts avenue	1893	.105	.016	.056	.011	.093
Bennet street	90 feet west of Harrison avenue to 162 feet east of Washington street	1887	.065	.030	.162	.019	†
Bond street	Hanson street to Milford street	1895					

* Guarantee expired in this year. † Repaved in this year.

Cost of Asphalt Repairs, 1901-1905.—*Continued.*

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Boylston street	Easterly side of Berkeley street, across Clarendon street	1897	.....	*	$0.080	$0.033	$0.070
Brattle square	Brattle street to Elm street	1888	.....	$0.038	.068	.....	.072
Brighton street	Leverett street to Allen street	1892	$0.090	.094	.136	.063	.127
Brimmer street	Beacon street to Pinckney street	1895	.030	.037	.072	.060	.093
Broadway	Albany street to 105 feet west of Albany street	1899	.....	.....	.....	*	.359
Castle street	Castle square, easterly	1899	.....	.....	.....	*	
Cazenove street	Columbus avenue to 45 feet south of Columbus avenue	1899	.....	.....	.....	*	
Central street	Broad street to Kilby street	1887	.063	.048	.239	.141	.169
Chambers street	Green street, across Poplar street	1894	.175	†			
Chambers street	Brighton street to Charles street	1895	.....	.003	.068	.011	.025
Chandler street	At Castle square	1899	.....	.....	.....	*	
Charter street	Hanover street, across Unity street	1894	.107	.031	.146	.189	.192
Cherry street	Washington street to Shawmut avenue	1892	.....	.029	.025	.....	.047
Clark street	Hanover street to North street	1892	.035	.025	.102	.033	.027
Columbus avenue	Boston & Albany R.R. bridge, across Massachusetts avenue	1884-99	.102	.125	.178	‡.126	.169
Columbus avenue	Massachusetts avenue to 301 feet south of Camden street	1896	*	.020	.037	.123	.193
Congress square	From Congress square to Congress street	1883-1900	.....	.....	.....	.....	*
Cooper street	North Margin street, across Endicott street	1887	.076	.030	.152	.128	.051
Cooper street	Endicott street to Charlestown street	1897	.....	*	.189	.065	.158

Corning street	Washington street to Shawmut avenue	1883-96	*	$0.235	$0.237	$0.056	$0.204
Court street	Washington street to Court square	1891-1904	.238	.334	.027	§	
Court square	Court street to Court street	1881	.178	.034	.063	‖.115	
Court square	Easterly and southerly side	1881-94	.176	.074	.118	.171	.107
Dartmouth street	Boylston street to Newbury street	1894	.....	.007	**.089		
Davis street	Washington street to Harrison avenue	1892	.....	.054	.072	.010	.082
Doane street	Kilby street to Broad street	1881	.032	.080	.198	.103	.043
Edinboro' street	Essex street to Beach street	1895	.....	.010	.089	.021	.113
Exchange place	Congress street to Kilby street	1887	.123	.036	†		
Ferdinand street	At Castle square	1899	.....	.....	.....	*	
Groton street	Washington street to Shawmut avenue	1892	.....	.040	.045	.028	
Hanover avenue	Hanover street to North street	1892	.....	.016	.301	.006	.060
Harrison avenue	East Newton street to East Springfield street	1888-95	.043	.080	.118	.017	.068
Harrison avenue	East Springfield street to 90 feet southerly	1888	.043	.080	.118	.017	
Hayward place	Harrison avenue to Washington street	1898	.....	.....	*	.....	†
Hollis street	Tremont street, towards Washington street	1891	.130	.036	.164	.150	.051
Hudson street	Beach street to 90 feet north of Curve street, minus Kneeland and Harvard streets intersections	1891	.046	.064	.101	.037	.068
Kilby street	Liberty square	1881	.037	.038	.028		
Kilby street	State street to Milk street, including Liberty square	1881-98	.....	.....	*	††.030	.056
Laconia street	Washington street to Harrison avenue	1896	*	.042	.083	.....	.027
La Grange street	Tremont, towards Washington streets	1897	.....	*	.....	.100	.068

* Guarantee expired in this year. † Repaved. ‡ From Boston & Albany R.R. bridge to Chandler street, guarantee expires in this year.
§ Resurfaced in this year. ‖ Westerly side repaved in this year. ** Part repaved in this year. †† State street to Central street repaved in this year.

Cost of Asphalt Repairs, 1901-1905. — *Continued.*

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Lincoln place	Worcester street to Springfield street	1897	.....	*			
Malcolm street	Mount Vernon street to Chestnut street	1892	.....	$0.010	$0.019	.....	$0.065
Massachusetts avenue	Columbus avenue to Tremont street (southerly roadway)	1892	$0.053	.033	.058	$0.031	.034
Massachusetts avenue	Tremont street to Shawmut avenue (southerly roadway)	1892	.053	.033	.058	.031	.017
Massachusetts avenue	Shawmut avenue to Washington street (southerly roadway)	1892	.053	.033	.058	.031	.013
Moon street	North square to Lewis street	1891	.017	.010	.098	.....	.060
North Bennet street	Hanover street to Salem street	1883	.127	.132	.044	†	
North Margin street	Stillman street to Charter street	1895	.....	.015	.097	.015	.029
Oxford street	Beach street to Essex street	1895	.010	.....	.048	.006	.096
Parkman street	North Anderson street, across Blossom street	1898	.....	.....	*		
Parmenter street	Hanover street to Salem street	1893	.....	†			
Pinckney street	Charles street, across Brimmer street	1895	.....	.002	.113	.032	.015
Pine street	Washington street to Harrison avenue	1896	*	.....	.052	.....	.081
Poplar street	Chambers street to Charles street	1887-92	.068	.054	.128	.032	.057
Public alley No. 301	Pinckney street to River street	1897					
Public alley No. 420		1897					
Spring street	Poplar street to Leverett street	1895	.024	.084	.279	.091	.107
Stevens street	Lincoln place, towards Shawmut avenue	1897					
Stillman street	Endicott street, across North Margin street	1892	.....	.030	.123	.....	.009

Stoddard street	Howard street to Court street	1892	.....	.014	.....	.099	
Sun Court street	North street to Moon street	1891	.182	.024	.295	.069	.244
Thacher street	Charlestown street to Endicott street	1892	.011	.....	.164	.006	.020
Tileston street	155 feet west of Hanover street, across Unity street	1887	.153	.209	.060	.173	
Tileston street	Unity street to Salem street	1895	.....	.....	.....	.019	
Tremont street	At Castle square	1899	.....	.....	.....	*	
Unity street	Charter street to Tileston street	1897	.....	*	.021	.046	.066
Warrenton street	Eliot street to Tremont street	1884–91	.069	.020	.044	.050	.110
Warrenton street	Shawmut avenue to Washington street	1891	.069	.020	.037	.027	.108
Water street	Congress street to Kilby street	1889	.203	†			
Water street	Liberty square to Broad street	1896	*	.007	.011	.050	.013
Wiget street	Salem street to North Margin street	1897	.....	*	.177		
Wiggin street	North Margin street to Tileston street	1887	.....	.178	.068	.229	.197

Charlestown.

Austin street	Seminary place to Lawrence street	1891	$0.050	$0.010	$0.082	$0.027	$0.042
Bunker Hill street	At Tufts street	1897					
Charlestown Bridge	Over Fitchburg Railroad	1899	.....	.216	.877	1.127	3.41
Corey street	124 feet north of Moulton street to Moulton street	1897	.....	*	.....	.....	.042
Moulton street	Easterly side of Corey street to Vine street	1897	.....	*			
Moulton street	Vine street to Bunker Hill street	1897	.....	*	.....	.....	.012
Tufts street	Bunker Hill street 141 feet northerly	1897	.....	*			
Vine street	Bunker Hill street, across Moulton street	1897	.....	*			

* Guarantee expired in this year. † Repaved in this year.

Cost of Asphalt Repairs, 1901-1905. — *Continued.*

South Boston.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
D street	West Fifth street to Gold street	1889	$0.048	$0.056	$0.221	$0.032	$0.051
E street	West Third street to Bolton street	1892	.....	.....	.....	.053	.035
Rogers street	Dorchester street to Preble street	1891	.....	.....	.047		
West Sixth street	160 feet east of C street, towards D street	1887	.....	.154	.178	.032	.073
West Third street	153 feet west of E street, across E street	1892	.....	.031	.....	.054	

Roxbury.

Cabot street	Tremont street to Ruggles street	1891	$0.022	$0.027	$0.023	$0.002	$0.019
Cabot street	Easterly side of Ruggles street to Vernon street	1992	.....	.010	.012	.006	.020
Cabot street	Easterly side of Vernon street to Linden Park street	1897	.....	*	.....	.001	
Columbus avenue	301 feet south of Camden street, across Terry street	1896	*	.020	.037	.123	.060

* Guarantee expired in this year.

Sicilian Rock.

City Proper.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Acton street	Washington street to Bradford street	1896	*	$0.054	.....	$0.008	$0.010
Albany street	East side of Stoughton street, across East Concord street	1897	.....	*	$0.185	.205	†.048
Ash street	Oak street, across Nassau street	1895	.....	.196	.....	.183	.029
Avery street	Washington street to Mason street	1897	.....	*	.175	.....	‡
Barton street	Leverett street to Milton street	1895	$0.101	.015	.....	.052	.019
Bradford street	Waltham street to Shawmut avenue	1897	.....	*	.....	.021	.001
Cobb street	Washington street to Shawmut avenue	1897	.....	*	.....	.....	.042
Decatur street	Washington street to Shawmut avenue	1892	.....	.098	.174	.052	.126
Dwight street	Shawmut avenue to Tremont street	1898	.....	.030	.....	.013	.022
Exeter place	Chauncy street to Harrison avenue	1897	.....	*	.....	.....	.046
Fabin street	Newland street to Ivanhoe street	1895	.....	.....	.....	.....	.067
Fay street	Dover street to Harrison avenue	1894	.....	.099	.296	.048	
Hamburg street	Mystic street to Harrison avenue	1896	.....	.....	.035	.022	.006
Hanover street	Tileston street, across Charter street	1896	.....	.105	.179	.065	.144
Huntington avenue	Boston & Albany Railroad to Cumberland street	1896	*	.008	.013	.012	.017
Mason street	From 213 feet south of West street to 444 feet south of West street	1894	.300	.099	.583	.198	.256
Massachusetts avenue	Washington street to Harrison avenue (southerly roadway)	1894	.....	.014	.019	.011	.013

* Guarantee expired in this year. † Repaved with bitulithic in this year. ‡ Repaved in part with granite blocks this year.

Cost of Asphalt Repairs, 1901-1905. — *Continued.*

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Massachusetts avenue	Harrison avenue to Albany street	1894	.....	$0.014	$0.019	$0.011	$0.084
Mayo street	Castle street to Cobb street	1897	.....	*	.....	.....	.065
Meander street	East Dedham street to Malden street	1896	*	.182	.014	.....	.002
Motte street	Washington street to Harrison avenue	1892-99	$0.161	.....	.....	.025	
Mystic street	Malden street to East Dedham street	1896	*	.....	.046	.012	.085
Mystic street	East Dedham street to East Canton street	1896	*	.....	.046	.012	.086
Mystic street	East Canton street to East Brookline street	1896	*	.....	.046	.012	.086
North Margin street	Thacher street, towards Endicott street	1897	.....	*	.095	.027	.095
Norwich street	Mystic street to Meander street	1896	*	.....	.027	.....	.029
Ohio street	Washington street to Shawmut avenue	1896	*	.043	.....	.077	.040
Pemberton square	Front of Suffolk County Court House	1894	.....	.....	.....	.030	.008
Prince street	Hanover street to Bennet avenue	1895	.....	.....	.052	.090	.007
Shawmut avenue	132 feet south of Castle street, across Cherry street	1898	.....	.....	*	.057	.069
Taylor street	Dwight street to Milford street	1896	*	.014	.....	.....	.048
Whitmore street	Kneeland street to Harvard street	1895	.....	.023	.....	.....	.063
	South Boston.						
Athens street	West Second street to A street	1895	.....	.....	.....	.....	$0.019
Athens street	B street to C street	1892	.....	.....	.....	.....	.028

East Broadway,	Front of Lincoln School	1897	.....	*	.035	.056	.110
K street	East Sixth street to East Eighth street	1896	*	$0.084	.129	.054	.048
West Broadway	From 196 feet east of the easterly line of Dorchester avenue to A street,	1892	.....	.260	.110	.066	.183
* West Broadway	Gardner place to 150 feet easterly	1893	$0.229	.344	.125	.122	.152
West Broadway	New England Railroad bridge to E street (4-foot gutters)	1897	.....	*	.092	.121	.209
West Broadway	150 feet west of F street to 267 feet east of F street	1897	.....	*	.....	.030	.112
West Broadway	267 feet east of F street to 44 feet west of Dorchester street	1898	.....	.....	*	.031	.062
	Roxbury.						
Columbus avenue	Terry street to 61 feet north of Station street	1896	*	$0.167	$0.192	$0.104	$0.189
Huntington avenue	Easterly side of Cumberland street to Massachusetts avenue	1896	*	.008	.013	.012	
Huntington avenue	Massachusetts avenue to Gainsborough street	1896	*	.....	.013	.012	.019
Ipswich street	Bridge over waterway	1898	.....	.....	*	.....	.102
	Brighton.						
Cottage Farm Bridge	Over Boston & Albany Railroad	1896	*				

* Guarantee expired in this year.

Cost of Asphalt Repairs, 1901-1905. — *Continued.*

Seyssel Rock.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Genesee street	Harrison avenue to Albany street	1899	.....	.....	.....	*	$0.039
Mason street	444 feet south of West street to Avery street	1899	.....	.....	.....	*	
Oswego street	Harrison avenue to Albany street	1899	.....	.....	.....	*	.006
Paul street	Emerald street to Village street	1897-99	.....	*			
Paul street	Village street to Tremont street	1897-99	.....	*	.....	.....	.015
Pelham street	Washington street to Shawmut avenue	1897	.....	*	.....	$0.091	
Waterford street	Washington street to Shawmut avenue	1897	.....	*	.....	.149	.021

Coal Tar.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Harris street	Hanover street to North street	.....	.....	$0.076	.....	†	
I street	East Broadway to East Fourth street	.....	.....	.108	$0.282	.....	$0.180

Cost of Asphalt Repairs, 1901-1905. — *Concluded.*

Other Asphalt.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Massachusetts avenue	Columbus avenue to Tremont street (northerly roadway) (asphaltina)	1897	.....	*	$0.092	$0.104	$0.093
Mt. Vernon street	Archway under State House (limmer rock asphalt)	1897					
Public alley No. 422	Between Commonwealth avenue and Marlborough street, from Arlington street 70 feet westerly (tar concrete)	.....	.....	†			

* Guarantee expired in this year. † Repaved with Trinidad asphalt in this year.

COST OF ASPHALT PATCHING — 1905.

[Work done by the Barber Asphalt Paving Company.]

Trinidad Asphalt.

City Proper.

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Albany street	East Concord street to 225 feet north of Massachusetts avenue	2,700	89.11	$222 77	$0.082
Arch street	Franklin street to Milk street	1,267	28.89	72 23	.057
Batterymarch street	Milk street to Liberty square	466	.66	1 65	.004
Beacon street	Charles street, across Arlington street	3,774	73.20	183 00	.048

Cost of Asphalt Patching, 1905. — *Continued.*

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Beacon street	Easterly side Dartmouth street to within 150 feet of westerly line of Gloucester street	9,277	48.33	$120 83	$0.013
Beacon street	150 feet from westerly line of Gloucester street to 68 feet beyond westerly line of Gloucester street	1,183	3.00	7 50	.006
Beacon street	68 feet west of Gloucester street to Massachusetts avenue	5,391	200.36	500 90	.093
Boylston street	Easterly side of Berkeley street, across Clarendon street	3,869	107.72	269 30	.070
Brattle square	Brattle street to Elm street	670	19.33	48 33	.072
Brighton street	Leverett street to Allen street	1,737	88.06	220 15	.127
Brimmer street	Beacon street to Pinckney street	3,300	122.47	306 17	.093
Broadway	Albany street to 105 feet west of Albany street	467	57.14	142 85	.359
Central street	Broad street to Kilby street	869	58.91	147 27	.169
Chambers street	Brighton street to Charles street	604	6.02	15 05	.025
Charter street	Hanover street, across Unity street	636	48.79	121 98	.192
Cherry street	Washington street to Shawmut avenue	594	11.18	27 95	.047
Clark street	Hanover street to North street	614	6.54	16 35	.027
Columbus avenue	Boston & Albany Railroad bridge, across Massachusetts avenue	15,000	1,012.73	2,531 83	.169
Columbus avenue	Massachusetts avenue to 301 feet south of Camden street	5,418	419.34	1,048 35	.193
Cooper street	North Margin street, across Endicott street	597	12.24	30 60	.051
Cooper street	Endicott street to Charlestown street	604	38.33	95 83	.158
Corning street	Washington street to Shawmut avenue	734	59.88	149 70	.204

Court square	From Court street easterly and southerly side	1,130	48.48	121 20	.107
Davis street	Washington street to Harrison avenue	646	21.29	53 23	.082
Doane street	Kilby street to Broad street	624	10.78	26 95	.043
Edinboro street	Essex street to Beach street	924	41.81	104 52	.113
Hanover avenue	Hanover street to North street	266	6.35	15 88	.060
Harrison avenue	East Newton street to East Springfield street	2,681	73.07	182 67	.068
Hollis street	Tremont street, towards Washington street	521	10.72	26 80	.051
Hudson street	Beach street to 90 feet north of Curve street	3,938	107.08	267 70	.068
Kilby street	State street to Milk street	3,387	75.48	188 70	.056
Laconia street	Washington street to Harrison avenue	727	7.89	19 72	.027
La Grange street	Tremont street towards Washington street	355	9.63	24 08	.068
Malcolm street	Mount Vernon street to Chestnut street	290	7.51	18 77	.065
Massachusetts avenue	Columbus avenue to Tremont street (southerly roadway)	1,621	22.35	55 88	.034
Massachusetts avenue	Tremont street to Shawmut avenue (southerly roadway)	2,943	19.76	49 40	.017
Massachusetts avenue	Shawmut avenue to Washington street (southerly roadway)	994	5.24	13 10	.013
Moon street	North square to Lewis street	384	9.28	23 20	.060
North Margin street	Stillman street to Thacher street	1,154	13.53	33 83	.029
Oxford street	Beach street to Essex street	735	28.12	70 30	.096
Pinckney street	Charles street, across Brimmer street	723	4.47	11 17	.015
Pine street	Washington street to Harrison avenue	597	19.24	48 10	.081
Poplar street	Chambers street to Charles street	2,442	55.64	139 10	.057
Spring street	Poplar street to Leverett street	908	38.75	96 87	.107

Cost of Asphalt Patching, 1905 — *Continued.*

Street.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Stillman street	Endicott street, across North Margin street	453	1.62	$4 05	$0.009
Sun Court street	North street to Moon street	218	21.25	53 13	.244
Thacher street	Charlestown street to Endicott street	562	4.54	11 35	.020
Unity street	Charter street to Tileston street	500	13.20	33 00	.066
Warrenton street	Eliot street to Tremont street	1,587	69.99	174 97	.110
Warrenton street	Shawmut avenue to Washington street	910	39.31	98 28	.108
Water street	Liberty square to Broad street	682	3.61	9 02	.013
Wiggin street	North Margin street to Tileston street	119	9.38	23 45	.197
	Charlestown.				
Austin street	Seminary place to Lawrence street	451	7.66	$19 15	$0.42
Charlestown bridge	Over Fitchburg Railroad	533	72.67	181 68	.341
Corey street	120 feet north of Moulton street to Moulton street	276	4.58	11 45	.042
Moulton street	Vine street to Bunker Hill street	390	1.87	4 67	.012
	South Boston.				
D street	West Fifth street to Gold street	448	9.09	$22 73	$0.051
E street	West Third street to Bolton street	410	5.78	14 45	.035
West Sixth street	160 feet east of C street, towards D street	305	8.93	22 32	.073

Roxbury.

Cabot street	Tremont street to Ruggles street	3,571	27.37	$68 43	$0.019
Cabot street	Easterly side of Ruggles street to Vernon street	2,988	23.62	59 05	.020
Columbus avenue	301 feet south of Camden street, across Terry street	15,840	377.69	944 23	.060
			3,850.86	$9,627 15	

Sicilian Rock Asphalt.—Patching.

City Proper.

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Acton street	Washington street to Bradford street	352	1.44	$5 60	$0.010
Albany street	Easterly side of Stoughton street, across East Concord street	1,710	32.99	82 48	.048
Ash street	Oak street, across Nassau street	391	4.63	11 57	.029
Barton street	Leverett street to Milton street	683	5.25	13 13	.019
Bradford street	Waltham street to Shawmut avenue	1,270	0.34	0 85	.001
Cobb street	Washington street to Shawmut avenue	1,041	17.49	43 72	.042
Decatur street	Washington street to Harrison avenue	781	39.47	98 68	.126
Dwight street	Shawmut avenue to Tremont street	2,075	18.47	46 17	.022
Exeter place	Chauncy street to Harrison avenue	387	7.09	17 73	.046
Fabin street	Newland street to Ivanhoe street	615	16.47	41 17	.067

Cost of Asphalt Patching, 1905.—*Continued.*

Street.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Hamburg street	Mystic street to Harrison avenue	597	1.44	$3 60	$0.006
Hanover street	Tileston street, across Charter street	934	53.65	134 13	.144
Huntington avenue	Boston & Albany R.R. bridge to Massachusetts avenue	12,900	90.49	226 22	.017
Mason street	213 feet south of West street to 444 feet south of West street	470	48.16	120 40	.256
Massachusetts avenue	Washington street to Harrison avenue southerly roadway	2,030	10.91	27 28	.013
Massachusetts avenue	Harrison avenue to Albany street southerly roadway	2,121	28.08	70 20	.034
Mayo street	Castle street to Cobb street	418	10.88	27 20	.065
Meander street	East Dedham street to Malden street	437	0.41	1 03	.002
Mystic street	Malden street to East Dedham street	226	7.74	19 35	.085
Mystic street	East Dedham street to East Brookline street	672	9.60	24 00	.036
North Margin street	Thacher street, towards Endicott street	518	19.69	49 22	.095
Norwich street	Mystic street to Meander street	339	3.98	9 95	.029
Ohio street	Washington street to Shawmut avenue	277	4.38	10 95	.040
Pemberton square	Front of Suffolk County Court-house	1,365	4.31	10 78	.008
Prince street	Hanover street to Bennet street	654	1.86	4 65	.007
Shawmut avenue	132 feet south of Castle street, across Cherry street	945	26.14	65 35	.069
Taylor street	Dwight street to Milford street	274	5.32	13 30	.048
Whitmore street	Kneeland street to Harvard street	445	11.20	28 00	.063

South Boston.

Athens street	West Second street to A street	916	7.00	$17 50	$0.019
Athens street	B to C street	746	8.64	21 60	.028
East Broadway	Front of Lincoln School	1,000	44.15	110 37	.110
K street	East Sixth street to East Eighth street	1,083	20.91	52 28	.048
West Broadway	196 feet east of easterly line of Dorchester avenue to A street	1,440	105.69	264 22	.183
West Broadway	Gardner place to 150 feet easterly	648	39.45	98 63	.152
West Broadway	New England Bridge to E street (4-foot gutters)	1,487	123.42	308 55	.209
West Broadway	New England Bridge to E street (4-foot gutters, concrete base)		4.44	3 33	
West Broadway	150 feet west of F street to 267 feet east of F street	1,544	69.00	172 72	.112
West Broadway	267 feet east of F street to 44 feet west of Dorchester street	1,818	45.00	112 50	.062

Roxbury.

Columbus avenue	Terry street to 61 feet north of Station street	5,304	399.70	$999 25	$0.189
Huntington avenue	Massachusetts avenue to Gainsborough street	3,372	25.98	64 95	.019
Ipswich street	Bridge over Waterway	267	10.91	27 28	.102
			1,381.82	$3,457 88	

Cost of Asphalt Patching, 1905.—*Concluded.*

Seyssel Rock.

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Genesee street	Harrison avenue to Albany street	1,122	17.34	$43 35	$0.039
Oswego street	Harrison avenue to Albany street	1,068	2.42	6 05	.006
Paul street	Village street to Tremont street	456	2.65	6 63	.015
Waterford street	Washington street to Shawmut avenue	544	4.48	11 20	.021
			26.89	$67 33	

Other Asphalts.

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
I street	East Broadway to East Fourth street (coal tar)	1,027	73.76	$184 40	$0.180
Massachusetts avenue	Columbus avenue to Tremont street, northerly roadway (asphaltina)	1,622	60.56	151 40	.093
			134.32	$335 80	

COMPARATIVE COST OF PATCHING.

Trinidad Asphalt.

Total area of Trinidad asphalt on which guarantee has expired	131,833 sq. yds.
Total cost of patching Trinidad asphalt on which guarantee has expired	$9,627.15
Average cost per square yard for patching Trinidad asphalt on which guarantee has expired	$0.073

Sicilian Rock Asphalt.

Total area of Sicilian Rock asphalt on which guarantee has expired	57,549 sq. yds.
Total cost of patching Sicilian Rock asphalt on which guarantee has expired	$3,457.88
Average cost per square yard for patching Sicilian Rock asphalt on which guarantee has expired	$0.060

Seyssel Rock Asphalt.

Total area of Seyssel Rock asphalt on which guarantee has expired	4,384 sq. yds.
Total cost of patching Seyssel Rock asphalt on which guarantee has expired	$67.33
Average cost per square yard for patching Seyssel Rock asphalt on which guarantee has expired	$0.015

Other Asphalts.

Total area of other asphalts on which guarantee has expired	3,166 sq. yds.
Total cost of patching other asphalts on which guarantee has expired	$335.80
Average cost per square yard for patching other asphalts on which guarantee has expired	$0.106

Total area of all asphalts on which guarantee has expired	196,932 sq. yds.
Average cost per square yard of street area for patching all asphalts on which guarantee has expired	$0.069
Total cost of all asphalt repairs from February 1, 1905, to February 1, 1906:	
Paid to the Barber Asphalt Paving Company	$13,484.75
Paid to the Boston Asphalt Company for repairs on Tufts street (now under guarantee) necessitated by a change of grade	27.75
	$13,512.50

Cost of Asphalt Repairs, 1901-1905. — *Continued.*

Seyssel Rock.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Genesee street	Harrison avenue to Albany street	1899	.....	.....	.....	*	$0.089
Mason street	444 feet south of West street to Avery street	1899	.....	.....	.....	*	
Oswego street	Harrison avenue to Albany street	1899	.....	.....	.....	*	.006
Paul street	Emerald street to Village street	1897-99	.....	*			
Paul street	Village street to Tremont street	1897-99	.....	*	.....	.....	.015
Pelham street	Washington street to Shawmut avenue	1897	.....	*	.....	$0.091	
Waterford street	Washington street to Shawmut avenue	1897	.....	*	.....	.149	.021

Coal Tar.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Harris street	Hanover street to North street	.....	.....	$0.076	.....	†	
I street	East Broadway to East Fourth street	.....	.....	.108	$0.282	.....	$0.180

Cost of Asphalt Repairs, 1901-1905. — *Concluded.*

Other Asphalt.

STREET.	Limits.	Year laid.	1901.	1902.	1903.	1904.	1905.
Massachusetts avenue	Columbus avenue to Tremont street (northerly roadway) (asphaltina)	1897	.....	*	$0.092	$0.104	$0.093
Mt. Vernon street	Archway under State House (limmer rock asphalt)	1897					
Public alley No. 422	Between Commonwealth avenue and Marlborough street, from Arlington street 70 feet westerly (tar concrete)	.....	.....	†			

* Guarantee expired in this year. † Repaved with Trinidad asphalt in this year.

COST OF ASPHALT PATCHING — 1905.

[Work done by the Barber Asphalt Paving Company.]

Trinidad Asphalt.

City Proper.

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Albany street	East Concord street to 225 feet north of Massachusetts avenue	2,700	89.11	$222 77	$0.082
Arch street	Franklin street to Milk street	1,267	28.89	72 23	.057
Batterymarch street	Milk street to Liberty square	466	.66	1 65	.004
Beacon street	Charles street, across Arlington street	3,774	73.20	183 00	.048

Cost of Asphalt Patching, 1905.—*Continued.*

Street.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Beacon street	Easterly side Dartmouth street to within 150 feet of westerly line of Gloucester street	9,277	48.33	$120 83	$0.013
Beacon street	150 feet from westerly line of Gloucester street to 68 feet beyond westerly line of Gloucester street	1,183	3.00	7 50	.006
Beacon street	68 feet west of Gloucester street to Massachusetts avenue	5,391	200.36	500 90	.093
Boylston street	Easterly side of Berkeley street, across Clarendon street	3,869	107.72	269 30	.070
Brattle square	Brattle street to Elm street	670	19.33	48 33	.072
Brighton street	Leverett street to Allen street	1,737	88.06	220 15	.127
Brimmer street	Beacon street to Pinckney street	3,300	122.47	306 17	.093
Broadway	Albany street to 105 feet west of Albany street	467	57.14	142 85	.359
Central street	Broad street to Kilby street	869	58.91	147 27	.169
Chambers street	Brighton street to Charles street	604	6.02	15 05	.025
Charter street	Hanover street, across Unity street	636	48.79	121 98	.192
Cherry street	Washington street to Shawmut avenue	594	11.18	27 95	.047
Clark street	Hanover street to North street	614	6.54	16 35	.027
Columbus avenue	Boston & Albany Railroad bridge, across Massachusetts avenue	15,000	1,012.73	2,531 83	.169
Columbus avenue	Massachusetts avenue to 301 feet south of Camden street	5,418	419.34	1,048 35	.193
Cooper street	North Margin street, across Endicott street	597	12.24	30 60	.051
Cooper street	Endicott street to Charlestown street	604	38.33	95 83	.158
Corning street	Washington street to Shawmut avenue	734	59.88	149 70	.204

Court square	From Court street easterly and southerly side	1,130	48.48	121 20	.107
Davis street	Washington street to Harrison avenue	646	21.29	53 23	.082
Doane street	Kilby street to Broad street	624	10.78	26 95	.043
Edinboro street	Essex street to Beach street	924	41.81	104 52	.113
Hanover avenue	Hanover street to North street	266	6.35	15 88	.060
Harrison avenue	East Newton street to East Springfield street	2,681	73.07	182 67	.068
Hollis street	Tremont street, towards Washington street	521	10.72	26 80	.051
Hudson street	Beach street to 90 feet north of Curve street	3,938	107.08	267 70	.068
Kilby street	State street to Milk street	3,387	75.48	188 70	.056
Laconia street	Washington street to Harrison avenue	727	7.89	19 72	.027
La Grange street	Tremont street towards Washington street	355	9.63	24 08	.068
Malcolm street	Mount Vernon street to Chestnut street	290	7.51	18 77	.065
Massachusetts avenue	Columbus avenue to Tremont street (southerly roadway)	1,621	22.35	55 88	.034
Massachusetts avenue	Tremont street to Shawmut avenue (southerly roadway)	2,943	19.76	49 40	.017
Massachusetts avenue	Shawmut avenue to Washington street (southerly roadway)	994	5.24	13 10	.013
Moon street	North square to Lewis street	384	9.28	23 20	.060
North Margin street	Stillman street to Thacher street	1,154	13.53	33 83	.029
Oxford street	Beach street to Essex street	735	28.12	70 30	.096
Pinckney street	Charles street, across Brimmer street	723	4.47	11 17	.015
Pine street	Washington street to Harrison avenue	597	19.24	48 10	.081
Poplar street	Chambers street to Charles street	2,442	55.64	139 10	.057
Spring street	Poplar street to Leverett street	908	38.75	96 87	.107

Cost of Asphalt Patching, 1905 — *Continued.*

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Stillman street	Endicott street, across North Margin street	453	1.62	$4 05	$0.009
Sun Court street	North street to Moon street	218	21.25	53 13	.244
Thacher street	Charlestown street to Endicott street	562	4.54	11 35	.020
Unity street	Charter street to Tileston street	500	13.20	33 00	.066
Warrenton street	Eliot street to Tremont street	1,587	69.99	174 97	.110
Warrenton street	Shawmut avenue to Washington street	910	39.31	98 28	.108
Water street	Liberty square to Broad street	682	3.61	9 02	.013
Wiggin street	North Margin street to Tileston street	119	9.38	23 45	.197
	Charlestown.				
Austin street	Seminary place to Lawrence street	451	7.66	$19 15	$0.42
Charlestown bridge	Over Fitchburg Railroad	533	72.67	181 68	.341
Corey street	120 feet north of Moulton street to Moulton street	276	4.58	11 45	.042
Moulton street	Vine street to Bunker Hill street	390	1.87	4 67	.012
	South Boston.				
D street	West Fifth street to Gold street	448	9.09	$22 73	$0.051
E street	West Third street to Bolton street	410	5.78	14 45	.035
West Sixth street	160 feet east of C street, towards D street	305	8.93	22 32	.073

Roxbury.

Cabot street	Tremont street to Ruggles street	3,571	27.37	$68 43	$0.019
Cabot street	Easterly side of Ruggles street to Vernon street	2,988	23.62	59 05	.020
Columbus avenue	301 feet south of Camden street, across Terry street	15,840	377.69	944 23	.060
			3,850.86	$9,627 15	

Sicilian Rock Asphalt.—Patching.

City Proper.

STREET.	Limits.	Area of Street.	Square Yards re-surfaced.	Cost of Patching.	Cost per Square Yard of Surface.
Acton street	Washington street to Bradford street	352	1.44	$3 60	$0.010
Albany street	Easterly side of Stoughton street, across East Concord street	1,710	32.99	82 48	.048
Ash street	Oak street, across Nassau street	391	4.63	11 57	.029
Barton street	Leverett street to Milton street	683	5.25	13 13	.019
Bradford street	Waltham street to Shawmut avenue	1,270	0.34	0 85	.001
Cobb street	Washington street to Shawmut avenue	1,041	17.49	43 72	.042
Decatur street	Washington street to Harrison avenue	781	39.47	98 68	.126
Dwight street	Shawmut avenue to Tremont street	2,075	18.47	46 17	.022
Exeter place	Chauncy street to Harrison avenue	387	7.09	17 73	.046
Fabin street	Newland street to Ivanhoe street	615	16.47	41 17	.067

SPECIAL APPROPRIATIONS IN CHARGE OF THE BRIDGE DIVISION.

NAME OF APPROPRIATION.	Appropriation and Balances.	Expended Feb. 1, 1905, to Jan. 31, 1906.	Balance on hand, Jan. 31, 1906.
Chelsea bridge, south draw, reconstruction of	$15,000 00	.....	$15,000 00
Congress-street bridge, repairs	613 76	$506 18	107 58
* Construction of piers, Bridge Division	882 60	88 16	
Cottage-street bridge, reconstruction of	7,000 00	4,674 96	2,325 04
Dover-street bridge, widening of draw opening	9,000 00	1,390 41	7,609 59
* Electrical installation and construction, Bridge Division	101 17		
* New trucks, Bridge Division	1,100 00	156 54	
Totals	$33,697 53	$6,816 25	$25,042 21

* The following balances of above accounts were transferred to street improvements, Street Department, December 19, 1905:

Construction of piers, Bridge Division	$794 44
Electrical installation and construction, Bridge Division	101 17
New trucks, Bridge Division	943 46
Total transferred	$1,839 07

Amount of expenditures, February 1, 1905, to January 31, 1906	$6,816 25
Amount transferred to street improvements	1,839 07
Balance	25,042 21
Amount of appropriations	$33,697 53
Amount expended and charged to maintenance appropriation	$184,564 54
Amount expended and charged to Bridge Division specials	6,816 25
Grand total of expenditures from February 1, 1905, to January 31, 1906	$191,380 79

INCOME.

The amount of bills deposited with the City Collector during the year was $1,263.29; and the amount received by the City Collector on account of the Bridge Division during the same period was $1,141.97.

The following is a list of the amounts expended on the different bridges in charge of this division:

TIDE-WATER BRIDGES.

NAME OF BRIDGE.	Repairs, Labor and Material.	Regular Expenses, Salaries, Fuel and Supplies.	Totals.
Broadway	$1,780 58	$7,796 32	$9,576 90
Charlestown	4,815 20	11,611 29	16,426 49
Chelsea (north)	960 43	7,828 33	8,788 76
Chelsea (south)	831 02	8,220 30	9,051 32
Chelsea street	174 81	315 70	490 51
Commercial Point (or Tenean)	314 34	50 00	364 34
Congress street	3,757 39	8,019 40	11,776 79
Dorchester avenue	1,853 77	8,864 60	10,718 37
Dover street	1,247 80	7,944 01	9,191 81
Granite	116 66	239 20	355 86
L street	581 19	8,176 09	8,757 28
Malden	812 90	7,905 26	8,718 16
Meridian street	1,742 36	7,814 45	9,556 81
Mt. Washington avenue	16 94	7,447 39	7,464 33
Neponset	290 63	398 84	689 47
North Beacon street	726 31	199 43	925 74
Summer street	2,934 52	8,590 65	11,525 17
Warren	4,135 89	8,602 22	12,738 11
Western avenue to Watertown	196 01	199 41	395 42
Winthrop	579 23	112 50	691 73
Sundry expenditures	865 29	526 33	1,391 62
Public Landings:			
Jeffries Point	.....	396 07	396 07
East Boston	.....	275 00	275 00
Totals	$28,733 27	$111,532 79	$140,266 06

INLAND BRIDGES.

NAME OF BRIDGE.	Repairs, Labor and Materials.
Albany street	$212 74
Allston	472 28
Ashmont	185 12
Athens street	16 00
Beacon street (over Boston & Albany Railroad)	178 10
Bennington street	117 02
Berkeley street	137 87
Berwick Park (foot-bridge)	4 00
Bolton street	436 03
Boston street	76 11
Boylston street (over Boston & Albany Railroad)	217 73
Broadway (over Boston & Albany Railroad)	358 70
Brookline avenue	761 20
Cambridge street (over Boston & Maine Railroad)	29 19
Central avenue	4 50
Columbus avenue	237 76
Cottage street (foot-bridge)	690 50
Dartmouth street	342 00
Dorchester avenue (over Plymouth Division)	66 86
Elmwood street	9 00
Everett street (Brighton)	409 60
Ferdinand street	1,066 28
Florence street	64 12
Huntington avenue	142 67
Linden Park street	32 93
Massachusetts avenue (Boston & Albany Railroad)	313 08
Massachusetts avenue (Boston & Providence Railroad)	153 91
Milton	108 57
Perkins street	6 00
Southampton street (east)	981 93
Southampton street (west)	146 02
Southampton street (over Plymouth Division)	69 05
West Fourth street (at Dover street)	752 22
West Newton street	189 36
Williams street	454 71
Sundry expenditures	1,590 82
Total expenditures on inland bridges	$11,033 98

MAINTENANCE EXPENSES AT THE NORTH AND SOUTH YARDS.

District No. 1, Warren Bridge.

North Yard	$5,468 32
North Stable	4,185 83
	$9,654 15

District No. 2, 168–170 Broadway Extension.

South Yard	$5,456 93
South Stable	6,208 88
	$11,665 81

LIST OF BOSTON BRIDGES.

I. — BRIDGES WHOLLY MAINTAINED BY BOSTON.

[In the list those marked with an asterisk (*) are over navigable waters, and are each provided with a draw.]

In Charge of Bridge Division.

Allston, over Boston & Albany Railroad at Cambridge street, Brighton.
Ashland street, over N. Y., N. H. & H. Railroad, Providence Division, West Roxbury.
Athens street, over N. Y., N. H. & H. Railroad, Midland Division.
Baker street, at Brook Farm, West Roxbury.
Beacon street, over outlet to Back Bay Fens.
Beacon street, over Boston & Albany Railroad.
Bennington street, over Boston, Revere Beach & Lynn Railroad.
Berkeley street, over Boston & Albany Railroad.
Berwick park (foot-bridge), over N. Y., N. H. & H. Railroad, Providence Division.
Blakemore street, over N. Y., N. H. & H. Railroad, Providence Division.
Bolton street, over N. Y., N. H. & H. Railroad, Midland Division.
Boylston street, over Boston & Albany Railroad.
* Broadway, over Fort Point channel.
Broadway, over Boston & Albany Railroad.
Brookline avenue, over Boston & Albany Railroad.
Brooks-street bridge, Brighton.
Byron street, over Boston, Revere Beach & Lynn Railroad.
Charlesgate, over Ipswich street.
* Charlestown, from Boston to Charlestown.
* Chelsea [South], over south channel, Mystic river.
* Chelsea street, from East Boston to Chelsea.
Columbus avenue, over Boston & Albany Railroad.
* Commercial Point, or Tenean, Dorchester.
* Congress street, over Fort Point channel.
Cottage Farm, over Boston & Albany Railroad, at Commonwealth avenue.
Cottage street (foot-bridge), over flats, East Boston.
Dartmouth street, over Boston & Albany Railroad.
* Dorchester avenue (formerly Federal street), over Fort Point channel.
* Dover street, over Fort Point channel.
Elmwood street (private way), over Stony brook, Roxbury.
Ferdinand street, over Boston & Albany Railroad.
Florence street, over Stony brook, West Roxbury.
Gainsborough street (foot-bridge), over N. Y., N. H. & H. Railroad, Providence Division.

Gold street (foot-bridge), over N. Y., N. H. & H. Railroad, Midland Division.
Huntington avenue, over Boston & Albany Railroad.
Hyde Park avenue, over Stony brook, West Roxbury.
Ipswich street, over waterway.
Irvington street (foot-bridge), over N. Y., N. H. & H. Railroad, Providence Division.
Keyes street, over Stony brook, West Roxbury.
* L street, over reserved channel at junction of Summer and L streets.
Linden Park, over Stony brook, Roxbury.
* Malden, from Charlestown to Everett.
Massachusetts avenue, over Boston & Albany Railroad.
Massachusetts avenue, over N. Y., N. H. & H. Railroad, Providence Division.
* Meridian street, from East Boston to Chelsea.
* Mt. Washington avenue, over Fort Point channel.
Shawmut avenue, over Boston & Albany and N. Y., N. H. & H. Railroad, Providence Division.
Southampton street, east of N. Y., N. H. & H. Railroad, Midland Division.
Southampton street, west of N. Y., N. H. & H. Railroad, Midland Division.
Summer street, over A street.
Summer street, over B street.
Summer street, over C street.
* Summer street, over Fort Point channel.
* Warren, from Boston to Charlestown.
West Newton street, over N. Y., N. H. & H. Railroad, Providence Division.
West Rutland square (foot-bridge), over N. Y., N. H. & H. Railroad, Providence Division.
Williams street, over Stony brook, West Roxbury.
Winthrop, from Breed's Island to Winthrop.

In Charge of Park Department.

Agassiz, in Fens.
Audubon, in Riverway, over Boston & Albany Railroad.
Bernier-street foot-bridge, over Muddy river.
Boylston, in Fens, over waterway.
Bridle-path, in Riverway, over Muddy river.
* Castle Island, in Marine Park, South Boston, to Castle Island.
Charlesgate, in Fens, over Boston & Albany Railroad.
Commonwealth avenue, in Fens, over waterway.
Ellicott Arch, in Franklin Park.
Fen, in Fens.
Forest Hills, in Franklin Park.
Leverett pond (foot) in Leverett Park.
Neptune, in Wood Island Park, over Boston, Revere Beach & Lynn Railroad.

Overlook Arch, in Franklin Park.
Scarboro', in Franklin Park.
Scarboro' pond (foot), in Franklin Park.
Stony brook, in Arborway.
Stony brook, in Fens.
Wood Island (foot), in Wood Island Park.

In Charge of Public Grounds Department.

Public Garden (foot-bridge).

II. — BRIDGES OF WHICH BOSTON MAINTAINS THE PART WITHIN ITS LIMITS.

In Charge of Bridge Division.

Central avenue, from Dorchester to Milton.
* Chelsea [North], from Charlestown to Chelsea.
* Granite, from Dorchester to Milton.
Milton, from Dorchester to Milton.
* Neponset, from Dorchester to Quincy.
* North Beacon street, from Brighton to Watertown.
Spring street, from West Roxbury to Dedham.
* Western avenue, from Brighton to Watertown.

In Charge of Park Department.

Bellevue, in the Riverway, over Muddy river.
Bernier-street foot-bridge, over Muddy river.
Brookline avenue, in the Riverway, over Muddy river.
Huntington avenue, in the Riverway, over Muddy river.
Longwood, in the Riverway, over Muddy river.

III. — BRIDGES OF WHICH BOSTON PAYS A PART OF THE COST OF MAINTENANCE.

In Charge of Bridge Division.

Albany street, over Boston & Albany Railroad (over freight tracks).
Ashmont, junction Dorchester avenue and Talbot avenue, over N. Y., N. H. & H. Railroad, Plymouth Division (75 feet south of northerly end).
Harvard street, over N. Y., N. H. & H. Railroad, Midland Division (sidewalks).

In Charge of Commissioners of Cambridge Bridges.

* Cambridge street, from Brighton to Cambridge.
* Essex street, from Brighton to Cambridge.
* Harvard, from Boston to Cambridge.
* North Harvard street, from Brighton to Cambridge.
* Prison Point, from Charlestown to Cambridge.

* West Boston (temporary), from Boston to Cambridge.
* Western avenue, from Brighton to Cambridge.

IV. — BRIDGES OF WHICH BOSTON MAINTAINS THE WEARING SURFACE.

In Charge of Bridge Division.

Blue Hill avenue, over N. Y., N. H. & H. Railroad, Midland Division.
Boston street, over N. Y., N. H. & H. Railroad, Plymouth Division.
Cambridge street, over Boston & Maine Railroad.
Chelsea bridge, over Boston & Maine Railroad.
Dorchester avenue, over N. Y., N. H. & H. Railroad, Plymouth Division.
Everett street, over Boston & Albany Railroad, Brighton.
Norfolk street, over N. Y., N. H. & H. Railroad, Midland Division, Mattapan.
Oakland street, over N. Y., N. H. & H. Railroad, Midland Division, Mattapan.
Perkins street (foot-bridge), over Boston & Maine Railroad.
Summer street, over N. Y., N. H. & H. Railroad, Midland Division.
Southampton street, over N. Y., N. H. & H. Railroad, Plymouth Division.
West Fourth street, over N. Y., N. H. & H. Railroad, Plymouth Division.

In Charge of Bridge Division and Park Department.

Columbia road, over N. Y., N. H. & H. Railroad, Plymouth Division.
Columbia road, over Shoreham street.

V. — BRIDGE MAINTAINED BY CHARLES RIVER BASIN COMMISSION.

Craigie's, Boston to Cambridge.

VI. — BRIDGE MAINTAINED BY METROPOLITAN PARK COMMISSION.

Mattapan bridge.

VII. — BRIDGES MAINTAINED BY RAILROAD CORPORATIONS.

1st. — Boston & Albany Railroad.

Albany street (over passenger tracks).
Harrison avenue.
Market street, Brighton.
Tremont street.
Washington street.

2d. — Boston & Maine and Boston & Albany Railroads.

Main street.
Mystic avenue.

3d. — Boston & Maine Railroad, Eastern Division.

Wauwatosa avenue, East Boston.

4th. — Boston, Revere Beach & Lynn Railroad.

Everett street.

5th. — New York, New Haven & Hartford Railroad, Midland Division.

Dorchester avenue.
Morton street, Dorchester.
Norfolk street, Dorchester (near Dorchester station).
Silver street.
Washington street, Dorchester.
West Broadway.
West Fifth street.
West Fourth street.
West Second street.
West Sixth street.
West Third street.

6th. — New York, New Haven & Hartford Railroad, Plymouth Division.

Adams street.
Cedar Grove Cemetery.
Freeport street.
Medway street.
Savin Hill avenue.

7th. — New York, New Haven & Hartford Railroad, Providence Division.

Albany street. New part.
Beech street, West Roxbury.
Bellevue street, West Roxbury.
Berkeley street. New part.
Broadway. New part.
Canterbury street, West Roxbury.
Castle street.
Centre and Mt. Vernon streets, West Roxbury.
Chandler street.
Columbus avenue. New part.
Dartmouth street. New part.
Dudley avenue, West Roxbury.
Ferdinand street. New part.
Harrison avenue. New part.

Park street, West Roxbury.
Tremont street. New part.
Washington street. New part.

RECAPITULATION OF BRIDGES.

I.	Number wholly maintained by Boston:		
	In charge of Bridge Division . . .	58	
	In charge of Park Department . . .	19	
	In charge of Public Grounds Department,	1	
		—	78
II.	Number of which Boston maintains the part within its limits:		
	In charge of Bridge Division . . .	8	
	In charge of Park Department . . .	5	
		—	13
III.	Number of which Boston pays a part of the cost of maintenance:		
	In charge of Bridge Division . . .	3	
	In charge of Commissioners of Boston and Cambridge Bridges	7	
		—	10
IV.	Number of which Boston maintains the wearing surface:		
	In charge of Bridge Division . . .	12	
	In charge of Bridge and Park Departments,	2	
		—	14
V.	Number maintained by Charles River Basin Commission	.	1
VI.	Number maintained by Metropolitan Park Commission	.	1
VII.	Number maintained by railroad corporations:		
	1. Boston & Albany	5	
	2. Boston & Maine and Boston & Albany Railroads	2	
	3. Boston & Maine, Eastern Division .	1	
	4. Boston, Revere Beach & Lynn . .	1	
	5. New York, New Haven & Hartford, Midland Division	11	
	6. New York, New Haven & Hartford, Plymouth Division	5	
	7. New York, New Haven & Hartford, Providence Division	17	
		—	42
Total number			159

PUBLIC LANDING-PLACES.

The following public landing-places have been built by the city, and are maintained and controlled by the Bridge Division:

East Boston Public Landing. — Size, 18 × 30. Built in 1893. Moored at dock of the Atlantic Works. Dock and flats leased at $250 per year.

Jeffries Point, East Boston. — Size, 20 × 50. Moored from Fitzpatrick's Wharf; $350 per year.

CABLE-HOUSES AND BOXES.

The following is a list of cable-houses and boxes on bridges in charge of this division:

New England Telephone and Telegraph Company:
- Chelsea [South] bridge, 1 house.
- Congress-street bridge, 2 houses.
- Dover-street bridge, 2 houses or boxes.
- Chelsea [North] bridge, 1 box.
- Chelsea-street bridge, 1 box.
- Malden bridge, 4 boxes.
- Meridian-street bridge, 2 boxes.
- Neponset bridge, 2 boxes on poles.
- Warren bridge, 2 boxes.

American Telephone and Telegraph Company:
- Dorchester-avenue bridge, 1 house.
- Mt. Washington-avenue bridge, 2 boxes.
- Neponset bridge, 1 box on pole.
- Summer-street bridge, 1 box.

Merchants' Telegraph Company:
- Congress-street bridge, 2 boxes.

Postal Telegraph Cable Company:
- Congress-street bridge, 2 houses.
- Malden bridge, 2 boxes.
- Warren bridge, 2 boxes.

Boston Electric Light Company:
- Congress-street bridge, 2 boxes.

Lynn & Boston Railroad Company:
- Chelsea [North] bridge, 4 boxes.
- Chelsea [South] bridge, 8 boxes.

Boston Elevated Railway Company:
- Cambridge-street bridge, 1 house.
- Dover-street bridge, 1 house, 1 box.
- Dorchester-avenue bridge, 2 houses.
- Malden bridge, 2 houses.
- Warren bridge, 2 houses.

Boston Police Department:
- Chelsea [South] bridge, 1 box.
- Malden bridge, 2 boxes.

Boston Fire Department:
- Chelsea [North] bridge, 1 box.
- Dover-street bridge, 1 house, 1 box.
- Meridian-street bridge, 2 boxes.
- Warren bridge, 2 boxes.

LAND AND BUILDINGS IN CHARGE OF BRIDGE DIVISION.

Broadway Bridge. — Draw-house and one storehouse. Land, Broadway and Dorchester avenue, containing 5,516 feet, on which is a brick stable and workshop.

Charlestown Bridge. — Draw-house, electrical power-room, and six storehouses.

Chelsea [North] Bridge. — Draw-house.

Chelsea [South] Bridge. — Draw-house and engine-house.

Chelsea-street Bridge. — Tool-house.

Congress-street Bridge. — Draw-house, storehouse and two shelter houses.

Cottage-street (foot-bridge). — Watchman's house.

Dover-street Bridge. — Draw-house.

Dorchester-avenue Bridge. — Draw-house, tool-shed, two motor-houses, one controller-house.

L-street Bridge. — Draw-house, engine-house.

Malden Bridge. — Draw-house.

Meridian-street Bridge. — Draw-house.

Mt. Washington-avenue Bridge. — Draw-house and tool-house.

Neponset Bridge. — Tool-house.

Summer-street Bridge. — Draw-house, controller-house, two shelter houses.

Warren Bridge. — Stable, draw-house containing an engine-room and boiler-room and a tool-house.

Western-avenue Bridge to Watertown. — Tool-house.

List of Small Bridges or Culverts having Wooden Tops, which are Repaired by Bridge Division. — Walls Repaired and Openings Cleaned by Sewer Division.

LOCATION.	Span.	Height of Opening.	Length.	Side Walls.	Covering.
	Feet.	*Feet.*	*Feet.*		
Ashland street and Canterbury, near Calvary cemetery, West Roxbury	7.6	5.5	75	Stone	Wood.
Beach street, near Anawan avenue, at Central Station, West Roxbury	4.0	4.0	50	Stone	Wood.
Cass street, near Spring-street Station, West Roxbury	7.0	3.0	21	Stone	Wood.
Cohasset street, Roslindale	14.0	7.5	60	Stone	Wood.
Gardner street, near Cow Island, West Roxbury	5.0	5.5	33	Wood	Wood.
Jamaica street, Jamaica Plain	10.0	4.0	39	Stone	Wood.
Park street, west of Dorchester avenue, Dorchester	5.0	3.7	50	Stone	Wood.
Park street, west of New York, New Haven & Hartford Railroad, Dorchester	8.5	5.0	50	Stone	Wood.
Spring street, near Spring-street Station, West Roxbury	2.7	2.7	62	Stone	Wood.
Summer street, near Spring-street Station, West Roxbury	4.0	4.5	40	Stone	Wood.
William street, at Stony brook, West Roxbury	5.0	5.0	50	Wood	Wood.
Woodman street, Jamaica Plain	6.3	4.0	65	Stone	Wood.

Table showing Width of Bridges, kind of Roadways, Sidewalks, etc., on Tide-water Bridges, 1905.

Name of Bridge.	Width of Bridge.	Roadway.		Sidewalks.		
		Width.	Kind of Roadway.	Number.	Width.	Kind of Walks.
	Ft. In.	*Ft. In.*			*Ft. In.*	
Broadway	60 0	40 0	Plank	2	10 0	Coal-tar concrete.
Cambridge street	40 0	32 9	"	1	6 0	Plank.
Craigie's (temporary)	49 2	40 0	"	1	8 0	"
Charlestown	100 0	127 9 122 0 127 9	"	2	10 0	Asphalt.
Chelsea, North	49 0	40 0	"	1	8 0	Coal-tar concrete and plank.
Chelsea, South	50 3	41 2	"	1	8 0	Plank.
Chelsea street	30 0	23 2	"	1	6 0	"
Commercial point	about 34 0	about 27 0	"			
Congress street	60 0	44 0	Paved	2	8 0	Coal-tar concrete.
Dover st. (over water)	60 0	40 0	"	2	10 0	Asphalt.
Essex street	31 0	22 8	Plank	1	7 6	Plank.
Federal street	69 0	49 0	Paved	2	10 0	Asphalt.
Granite	30 2	24 4	Plank	1	5 0	Plank.
Harvard	69 4	51 0	"	2	9 2	Asphalt.
L street	60 0	44 0	Paved	2	8 0	"
Malden	60 0 to 67 6	44 0	"	2	8 0	Composition.
Meridian street	50 0	36 0	"	2	7 0	Coal-tar concrete.
Mt. Washington ave.	61 0	39 6	"	2	10 9	" "
Neponset	30 0	23 10	Plank	1	5 5	Plank.
North Beacon street	31 0	25 2	"	1	5 0	"
North Harvard street	28 2	26 7	"			
Prison Point	50 0	36 0	Plank part Paved part	2	7 0	Coal-tar concrete.
Summer street	100 0	76 0	Paved entire	2	12 0	Asphalt.
Warren	80 0	60 0	Paved	2	10 0	Coal-tar concrete.
Western avenue to Cambridge	33 2	26 3	Plank	1	6 0	Plank.
Western avenue to Watertown	33 0	24 2	"	1	8 0	"
Winthrop	24 2	19 10	"	1	3 7	"
West Boston (temporary)	47 2	37 2	"	1	10 0	"

Table showing the Widths of Openings for Vessels in all Bridges Provided with Draws in the City of Boston, 1905.

Name of Bridge.	Location.	Number of Openings.	Width.
Boston & Maine R.R., Eastern Division.	Boston to Charlestown	1	39 feet 7 inches
Boston & Maine R.R., Eastern Division.	Over Miller's river	1	35 " 9 "
Boston & Maine R.R., Fitchburg Division	Boston to Charlestown	1	36 " 9 "
Boston & Maine R.R., Fitchburg Division (for teaming freight)	" "	1	36 " 0 "
Boston & Maine R.R. (freight), Southern Division	Boston to East Cambridge,	1	40 " 2 "
Boston & Maine R.R. (passenger), Southern Division	" "	1	39 " 7 "
Boston & Maine R.R., Western Division.	Boston to Charlestown	1	39 " 7 "
Boston & Maine R.R., Western Division	Over Miller's river.	1	35 " 10 "
Broadway	Over Fort Point channel	1	43 " 0 "
Cambridge street	Brighton to Cambridge	1	36 " 4 "
Charlestown (main channel)	Boston to Charlestown	2	50 " 0 "
Charlestown (north channel)	" "		50 " 0 "
Chelsea (south channel)	Charlestown to Chelsea	1	38 " 9 "
Chelsea (north channel)	" "	1	60 " 0 "
Chelsea street (East Boston side),	East Boston to Chelsea	2	36 " 0 "
Chelsea street (Chelsea side)	" "		36 " 0 "
Commercial Point (or Tenean)	Dorchester	1	24 " 2 "
Congress street (Boston side)	Over Fort Point channel	2	43 " 3 "
Congress st. (South Boston side),	" " "		50 " 0 "
Craigie's	Boston to East Cambridge,	1	36 " 0 "
Dover street	Over Fort Point channel	1	37 " 0 "
Essex street	Brighton to Cambridge	1	36 " 0 "
Dorchester avenue	Over Fort Point channel	1	41 " 6 "
Grand Junction R.R.	Brighton to Cambridge	1	36 " 0 "
Grand Junction R.R.	East Boston to Chelsea	1	49 " 2 "
Granite	Dorchester to Milton	1	36 " 0 "
Harvard (Boston side)	Boston to Cambridge	2	36 " 6 "
Harvard (Cambridge side)	" "		36 " 10 "
L street	Over Reserved channel, South Boston	1	39 " 9 "
Malden	Charlestown to Everett	1	50 " 0 "

Table showing Width of Openings, etc.— *Concluded.*

Name of Bridge.	Location.	Number of Openings.	Width.
Meridian st. (East Boston side) ..	East Boston to Chelsea....	2	59 feet 2 inches
Meridian street (Chelsea side)....	" "	.....	59 " 0 "
Mt. Washington avenue (Boston side)	Over Fort Point channel...	2	42 " 2 "
Mt. Washington avenue (South Boston side)	" " "	.....	52 " 0 "
Neponset	Dorchester to Quincy.....	2	36 " 0 "
New York, New Haven & Hartford R.R.....	Over South Bay.....	1	28 " 4 "
New York, New Haven & Hartford R.R., Y-connection	Over Fort Point channel...	1	41 " 10 "
New York, New Haven & Hartford R.R.....	" " "	.....	41 " 5 "
New York, New Haven & Hartford R.R.....	Dorchester to Quincy.....	1	35 " 10 "
North Beacon street	Brighton to Watertown....	1	30 " 0 "
North Harvard street.....	Brighton to Cambridge....	1	36 " 0 "
Prison Point.....	Charlestown to Cambridge,	1	36 " 0 "
Summer street	Over Fort Point channel...	1	50 " 0 "
Warren.....	Boston to Charlestown	1	36 " 0 "
West Boston (temporary).....	Boston to Cambridge.....	1	36 " 0 "
Western avenue.....	Brighton to Cambridge....	1	36 " 0 "
Western avenue.....	Brighton to Watertown....	1	35 " 10 "

DRAWTENDERS' REPORTS.*

Giving Number of Vessels Passing through Drawbridges Controlled by the City of Boston from February 1, 1901, to January 31, 1906, Inclusive.

Name of Bridge.	Steamers.					Sailing Vessels.					Tugs.					All Others.					Total Number of Vessels.					Total, Feb. 1, 1901, to Jan. 31, 1906.
	1901.	1902.	1903.	1904.	1905.	1901.	1902.	1903.	1904.	1905.	1901.	1902.	1903.	1904.	1905.	1901.	1902.	1903.	1904.	1905.	1901.	1902.	1903.	1904.	1905.	
Broadway	4	6	...	...	4	1,719	1,586	1,203	1,163	1,279	4,558	5,156	4,359	3,871	4,239	2,140	2,409	2,235	1,732	1,798	8,421	9,157	7,797	6,766	7,320	39,461
Charlestown	6	...	2	4	...	1,474	1,265	1,083	730	767	4,571	3,907	4,209	3,758	3,969	2,578	1,907	2,192	2,139	2,402	8,629	7,079	7,486	6,631	7,138	36,963
Chelsea (North)	504	443	461	321	281	727	782	788	680	791	7,834	7,766	8,745	7,191	8,074	3,835	3,826	4,018	3,391	3,525	12,900	12,817	14,012	11,583	12,671	63,983
Chelsea (South)	6	30	55	15	10	668	726	517	421	438	3,155	3,789	3,996	4,484	6,082	1,652	2,086	2,852	2,917	4,092	5,481	6,631	7,420	7,837	10,622	37,991
Chelsea street	1	2	6	5	8	2	4	23	5	3	111	199	112	95	325	113	267	59	46	394	227	472	200	151	730	1,780
Congress street	112	73	58	61	88	1,979	1,866	1,442	1,316	1,457	8,129	7,868	6,984	6,106	6,927	3,275	3,353	2,820	2,255	2,370	13,495	13,160	11,304	9,738	10,842	58,539
Dorchester avenue	16	6	...	...	5	1,765	1,559	1,208	1,181	1,273	4,887	5,338	4,564	4,010	4,431	2,049	2,302	2,201	1,742	1,847	8,721	9,205	7,973	6,933	7,556	40,388
Dover street	4	4	...	...	4	1,590	1,390	1,059	1,060	1,222	4,013	4,557	3,699	3,308	3,844	1,628	1,968	1,538	1,337	1,458	7,235	7,919	6,296	5,705	6,528	33,683
Granite	...	...	...	...	...	36	33	32	26	34	259	166	226	240	264	102	66	90	93	94	397	265	348	359	392	1,761
L street	...	...	...	...	...	340	332	264	194	208	2,479	3,398	4,641	4,556	4,569	2,211	2,108	2,629	2,831	2,673	5,020	5,838	7,534	7,581	7,450	33,423
Malden	...	...	2	2	2	244	232	178	145	101	2,001	1,756	1,835	1,313	1,662	1,505	1,031	984	842	927	3,750	3,019	2,999	2,302	2,692	14,762
Meridian street	105	67	28	25	41	406	331	367	285	342	5,875	6,873	7,562	8,231	8,683	2,806	3,134	3,227	3,398	3,674	9,192	10,405	11,184	11,939	12,740	55,460
Mt. Washington ave.	85	70	100	55	78	1,811	1,709	1,295	1,205	1,291	6,897	7,050	6,077	5,256	5,759	2,822	2,936	2,583	2,062	2,016	11,615	11,765	10,055	8,578	9,144	51,157
Neponset	...	...	...	...	...	50	49	38	26	38	270	164	234	238	270	110	53	93	94	99	430	266	365	358	407	1,826
North Beacon street	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	...	...	...	1	21	...	...	...	1	22
Summer street	112	73	58	61	87	1,982	1,979	1,440	1,319	1,457	8,128	7,851	6,959	6,088	6,915	3,200	3,232	2,806	2,246	2,359	13,422	13,135	11,263	9,714	10,818	58,352
Warren	7	7	4	6	4	1,449	1,212	1,059	713	742	4,020	3,222	3,212	3,215	3,572	2,463	1,624	1,725	1,839	2,140	7,939	6,065	6,000	5,773	6,458	32,235
Western avenue (to Watertown)	...	...	...	...	...	...	...	...	...	...	136	62	115	142	120	100	34	71	85	70	236	96	186	227	190	935
Totals	956	781	774	555	612	16,242	15,055	11,996	10,469	11,443	67,323	69,122	67,529	62,102	69,705	32,610	32,336	32,123	29,049	31,939	117,131	117,294	112,422	102,175	113,699	562,721

* West Boston, Cambridge street, Essex street, North Harvard street, Western avenue to Cambridge, Prison Point, Craigie's and Harvard bridges are not included in this table, being in the care of Commissioners representing the two cities (Boston and Cambridge) connected by these bridges.

DRAWTENDERS' REPORT.*

Giving Number of Vessels passing through Drawbridges controlled by the City of Boston from February 1, 1905, to January 31, 1906, Inclusive.

Bridge.	Steamers.			Sailing Vessels.			Tugs.			All Others.			Total Number Vessels.			Total Number of Cargoes.	Total Number of Openings.
	By Day.	By Night.	Total.	By Day	By Night.	Total.	By Day.	By Night.	Total.	By Day.	By Night.	Total.	By Day.	By Night.	Total.		
Broadway	3	1	4	1,125	154	1,279	3,701	538	4,239	1,556	242	1,798	6,385	935	7,320	1,552	2,648
Charlestown	.....	.....	.....	583	184	767	3,170	799	3,969	1,906	496	2,402	5,659	1,479	7,138	1,490	1,757
Chelsea (North)	264	17	281	755	36	791	7,166	908	8,074	3,108	417	3,525	11,293	1,378	12,671	1,943	6,366
Chelsea (South)	8	2	10	403	35	438	5,661	421	6,082	3,855	237	4,092	9,927	695	10,622	2,366	5,104
Chelsea street	8	.....	8	3	.....	3	260	65	325	276	118	394	547	183	730	166	339
Congress street	77	11	88	1,285	172	1,457	6,098	829	6,927	2,094	276	2,370	9,554	1,288	10,842	1,706	4,288
Dorchester avenue	4	1	5	1,109	164	1,273	3,809	622	4,431	1,607	240	1,847	6,529	1,027	7,556	1,465	4,119
Dover street	3	1	4	1,089	133	1,222	3,406	438	3,844	1,283	175	1,458	5,781	747	6,528	1,321	2,942
Granite	.....	.....	.....	32	2	34	257	7	264	92	2	94	381	11	392	64	233
L street	.....	.....	.....	174	34	208	4,086	483	4,569	2,279	394	2,673	6,539	911	7,450	933	4,076
Malden	2	.....	2	94	7	101	1,510	152	1,662	857	70	927	2,463	229	2,692	394	1,447
Meridian street	34	7	41	316	26	342	7,391	1,292	8,683	3,084	590	3,674	10,825	1,915	12,740	1,697	7,429
Mt. Washington avenue	70	8	78	1,172	119	1,291	5,119	640	5,759	1,738	278	2,016	8,099	1,045	9,144	1,830	.....
North Beacon street	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....
Neponset	.....	.....	.....	35	3	38	259	11	270	94	5	99	388	19	407	67	241
Summer street	76	11	87	1,284	173	1,457	6,089	826	6,915	2,086	273	2,359	9,535	1,283	10,818	1,702	5,573
Warren	.....	4	4	573	169	742	2,867	705	3,572	1,685	455	2,140	5,125	1,333	6,458	1,340	3,721
Western avenue (to Watertown)	.....	.....	.....	.....	.....	.....	118	2	120	68	2	70	186	4	190	35	125
Totals	549	63	612	10,032	1,411	11,443	60,967	8,788	69,705	27,669	4,270	31,939	99,216	14,482	113,699	20,070	51,308

* West Boston, Cambridge street, Essex street, North Harvard street, Western avenue to Cambridge, Prison point, Craigie's and Harvard bridges are not included in this table, being in the care of Commissioners representing the two cities (Boston and Cambridge) connected by these bridges.

APPENDIX B.

REPORT OF THE DEPUTY SUPERINTENDENT OF THE FERRY DIVISION.

NORTH FERRY, EAST BOSTON, February 1, 1906.

MR. CHARLES LOGUE,

Acting Superintendent of Streets:

DEAR SIR, — I respectfully submit report of income, expenses and operation of the Ferry Division, for the financial year ending January 31, 1906.

During the past year, owing to a terrible calamity in New York harbor, the United States Government promulgated new and stringent rules governing all vessels carrying passengers. To meet these demands a special appropriation of $12,000 was made by the City Council to equip our boats.

Every ferry boat was hauled out on the railway, and new sea cocks were put in and the whole hull gone over. New life boats and rafts, double the number of life preservers, fire extinguishers and fire pumps were added to conform with the new rules, so now these boats are in first-class condition so far as the saving of life is concerned.

A special appropriation of $25,000 to build a new coal-pocket at the North Ferry was also given us. Plans were made and the contract was awarded to build same. Work would have commenced on this pocket by this time except that there was danger of a coal strike and work was deferred until later. It is confidently asserted that work will start on this by May 1. This improvement has been needed here for a number of years, as the old shed was dilapidated and antiquated.

Your attention is called to the condition of the piers on Boston side of both ferries. These piers are old and require constant repairs. In the interest of economy they should be entirely rebuilt, as in my judgment it is a waste of money to keep repairing them. With these exceptions the rest of the plant (buildings, drops and boats) is in good condition.

The property in charge of this division is as follows:

South Ferry, East Boston Side. — Located at the termination of Lewis street, and covers an area of 58,725 square feet of land and water. On these premises are one head-house, with canopies; one workshop for carpenters, machinists and blacksmith, both of the above buildings being at present time in course of construction; one storehouse and temporary waiting-room, one new, modern coal-pocket, three new piers which form the two slips, two drops and tanks, one new wharf and dock, where boats are laid when not in use or while undergoing repairs.

South Ferry, Boston Side. — Located at the termination of Eastern avenue, and covers an area of 38,135 square feet of land and water, on which are one head-house with canopies, one gate-room, three piers which form the two slips, and two drops and tanks.

North Ferry, Boston Side. — Located at the termination of Battery street, and covers an area of 45,000 square feet of land and water, on which are one head-house with canopies, one gate-room, three piers which form the two slips, and two drops and tanks.

North Ferry, East Boston Side. — Located at the termination of Border street, and covers an area of 62,138 square feet of land and water, on which are one head-house with canopies, one boiler and oil-room, one stable, one coal-shed, three piers, which form the two slips, and two drops and tanks.

The following steam ferry-boats are in commission:

Name.	When built.	Kind.	Length.
Revere	1875	Side-wheel.	148 ft.
D. D. Kelly	1879	"	148 "
Hugh O'Brien	1883	"	163 "
General Hancock	1887	"	148 "
Noddle Island	1899	Propeller.	164 " 3 in.
Governor Russell	1900	"	164 " 3 "
General Sumner	1900	"	164 " 3 "

Respectfully submitted,

JOSEPH F. LOW,
Acting Deputy Superintendent.

STREET DEPARTMENT, FERRY DIVISION.

CONSOLIDATED FINANCIAL STATEMENT FOR THE YEAR 1905–06.

1. Receipts.

Total cash receipts during the year	$108,478 09
Cash in hands of tollmen at beginning of year	550 00
Total	$109,028 09
Cash paid over to City Collector	108,478 09
Balance of cash on hand at end of the year	$550 00

2. Appropriations and Expenditures.

Balance unexpended from previous years (loans)	$15 60
Received from City Treasurer, special loan	12,000 00
Received from City Treasurer, special loan	25,000 00
Received from City Treasurer by transfer	18,995 90
Received from City Treasurer, annual appropriation for this division for 1905–06	243,000 00
* Total appropriations of all kinds	$299,011 50
* Total expenditures of all kinds	273,995 90
Balance unexpended (loans)	$25,015 60

3. Result of Operations for the Year.

Receipts for the year (net income)		$108,478 09
Expenditure for maintenance	$261,995 90	
Expenditure for maintenance by special loan	11,719 37	
Interest on ferry debts	16,920 00	
Depreciation on boats	14,215 49	
Depreciation on tools and machinery	759 50	
Outgo for year	$305,610 26	
Deduct increase in stock of supplies	5,544 70	
Net outgo for the year		300,065 56
Net loss for the year		$191,587 47

* Details of appropriations and expenditures given in Table 5.

4. Balance Sheet.

End of fiscal year January 31, 1906.

ASSETS.		LIABILITIES.		
AVAILABLE ASSETS:		CURRENT LIABILITIES:		
Cash on hand	$550 00	None.		
Inventory of Supplies, etc., on hand	10,236 93			
Total Available Assets	$10,786 93			
CONTINGENT ASSETS:		CONTINGENT LIABILITIES:		
City Treasury, balance of appropriations	25,015 60	Appropriations account		$25,015 60
FIXED ASSETS:		FIXED LIABILITIES:		
Real Estate and buildings *	† 577,400 00	Capital of the city invested in the ferries		3,754,090 72
Ferryboats ‡	222,709 30	Viz.: Total expenditures all kinds for 48 years, including interest on debts	$9,899,281 75	
Engines, boilers, machinery, tools, and heating apparatus	6,835 50	Less total receipts	6,145,191 03	
Total Tangible Assets	$842,747 33			
Avenues, etc , East Boston §	315,815 68			
Deficiency, or loss by operation and maintenance of the ferries 48 years to date	2,620,543 31			
	$3,779,106 32			$3,779,106 32

* Original purchase of ferries $276,375 00
New buildings, drops, slips, etc., cost to date 485,092 10
Land, Lincoln's Wharf, cost, 1887 ..... 5,562 52
Land, Battery Wharf, cost, 1893 ..... 10,000 00
$777,029 62

† Assessors' figures for 1901.

‡ Total cost to date, per ferry books $618,070 58
Less boats sold, depreciated or destroyed 381,145 79
$236,924 79

§ Cost (net) previous to 1870, per ferry books, viz.:
"Expenditures for avenues" $250,000 00
"Expenditures for improvements" 65,815 68
$315,815 68

These expenditures were practically subsidies to the East Boston Ferry Company by the city before the ferries were purchased by the latter, and should properly be added to the deficiency or loss.

5. Comparison of Receipts, Appropriations, and Expenditures for Five Years.

RECEIPTS.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.
From foot passengers (tollmen)	$120,115 63	$125,457 18	$130,626 23	$128,902 89	$64,622 37
" " passes (office sales)	1,571 00	1,470 70	994 70	1,073 10	606 10
" extra passengers on team (gatemen)	2,338 99	2,165 31	1,734 32	1,610 29	1,566 30
" team tickets (office sales)	334 00	547 50	1,113 00	1,065 00	218 50
" strip team tickets (tollmen)	27,137 50	27,168 50	27,353 50	27,322 50	26,091 50
" teams (gatemen)	13,291 47	13,308 09	12,857 56	13,567 37	13,514 68
" City Collector for tickets	.....	.....	1,367 50	438 00	453 50
" free ferries, July 4	.....	.....	1 00	1 00	1 00
Total from rates	$164,788 59	$170,117 28	$176,047 81	$173,980 15	$107,073 95
From rents (Sargent's Wharf and pedlers' privileges)	2,540 00	2,477 50	656 50	1,324 50	1,217 67
" old materials sold	179 77	46 45	72 00	166 25	111 47
" other sources	372 50	551 50	732 00	680 30	75 00
Total ordinary receipts	$167,880 86	$173,192 73	$177,508 31	$176,151 20	$108,478 09
From sales of boats	.....	.....	.....	.....	.....
Total receipts	$167,880 86	$173,192 73	$177,508 31	$176,151 20	$108,478 09
Less rejected money (counterfeit, etc.)	1 24	2 85	1 10	2 25	.....
Total receipts turned over to city	$167,879 62	$173,189 88	*$177,507 21	$176,148 95	$108,478 09
APPROPRIATIONS.					
Regular appropriations	$250,600 00	$220,000 00	$220,000 00	$243,600 00	$243,000 00
Special appropriations:					
Ferry improvements	.....	100,000 90	.....	.....	.....
New coal-pocket, North Ferry, East Boston	.....	.....	.....	.....	25,000 00
Equipment of ferry-boats with life apparatus	.....	.....	.....	.....	12,000 00
Total appropriations	$250,600 00	$320,000 00	$220,000 00	$243,600 00	$280,000 00

*Less $25 retained for addition to tollmen's working capital.

5. — **Comparison of Receipts, etc.** — *Concluded.*

RECEIPTS.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.
EXPENDITURES (ORDINARY).					
Office:					
Superintendent's salary	$3,000 00	$3,000 00	$3,000 00	$3,000 00	$3,000 00
Clerks and cashier	4,200 00	4,100 30	4,189 00	4,087 50	4,000 00
Stationery	287 70	348 59	397 05	396 89	256 45
Printing	804 80	1,342 84	918 58	868 49	734 42
Telephones	336 61	265 88	217 30	382 52	274 26
* Keeping horse and repairing vehicle	315 47	947 90	675 93	662 56	620 60
Advertising, etc	.....	102 07	129 22	10 50	22 75
Examination of accounts, etc	.....	469 00	.....	.....	.....
Travelling expenses	63 00	70 00	.....	.....	.....
Premiums, surety companies	114 50	115 00	107 50	97 50	107 50
Total office expenditures	$9,122 08	$10,761 58	$9,634 58	$9,506 96	$9,015 98
Ferry-boats and landings:					
Employees	151,200 46	130,562 51	149,850 77	164,666 42	161,965 81
Fuel	40,249 21	47,301 50	61,042 76	35,701 13	47,788 67
Teaming, wheeling coal, etc	4,237 50	5,143 00	5,552 60	5,648 45	5,572 80
Oil, waste and supplies	5,761 51	6,112 60	5,744 50	8,446 14	6,972 27
Tools, iron and hardware	1,613 28	2,702 22	.....	.....	.....
Gas	957 56	716 05	1,047 58	967 94	867 96
Electric light	7,160 98	6,749 35	7,611 62	7,176 04	5,593 10
Towing by horses	.....	519 36	.....	418 25	.....
" " electric power	600 00	600 00	600 00	354 50	207 40
Repairs of boats	16,331 98	6,164 08	6,949 43	15,299 12	11,022 02
" " buildings and drops	6,108 99	4,850 62	5,127 00	8,806 41	11,576 12
Furnishings, electric, etc	636 76	639 97	670 88	943 59	579 97

Damages	20 00	23 45	149 88	17 00	.....
Rent Sargent's wharf	4,000 00	4,000 00	.....	.....	.....
Other expenditures	753 75	842 00	553 63	175 25	833 80
Total from regular appropriations	$248,754 06	$227,688 29	$254,535 23	$258,126 20	$261,995 90
EXPENDITURES FROM SPECIAL APPROPRIATIONS.					
New ferry landing	† 41,988 16	10,639 71	.....	.....	.....
Equipment of ferry-boats	.....	.....	.....	.....	11,719 37
Ferry improvements	.....	58,650 99	41,333 41	.....	.....
Total expenditures, regular and special	$290,742 22	$296,978 99	$295,868 64	$258,126 20	$273,715 27
Transfers { to treasury	.....	.....	.....	.....	280 63
Transfers { to other departments	4,959 87	.....	.....	.....	.....
Total expenditures, including transfers	$295,702 09	$296,978 99	$295,868 64	$258,126 20	$273,995 90
Balances in treasury unexpended:					
From ordinary appropriations	.....	.....	.....	.....	.....
From special appropriations	$10,639 71	$41,349 01	$15 60	$15 60	$25,015 60

* Includes repair coal carts.
† Portion of $500,000 loan authorized, of which $200,000 was transferred to Sewer Division.

6. Comparative Balance Sheets at the Close of each Year for Five Years.

	January 31, 1902.	January 31, 1903.	January 31, 1904.	January 31, 1905.	January 31, 1906.
Assets.					
Cash in hands of tollmen,	$575 00	$575 00	$600 00	$550 00	$550 00
Accounts receivable.....	.....	62 50	.....	12 50	.....
Fuel and supplies on hand..	10,371 78	7,153 65	9,793 00	4,692 23	10,236 93
City Treasurer (balance of appropriations).....	10,639 71	41,349 01	15 60	15 60	25,015 60
Real estate and buildings (Assessors' valuations)	546,600 00	577,400 00	577,400 00	577,400 00	577,400 00
Ferry-boats (less depreciation)	285,250 85	268,135 80	252,047 65	236,924 79	222,709 30
Machinery and tools.....	6,000 00	300 00	7,595 00	7,595 00	6,835 50
Total tangible assets...	$859,437 34	$894,975 96	$847,451 25	$827,190 12	$842,747 33
Cost of avenues, etc., East Boston (previous to 1870)†.....	315,815 68	315,815 68	315,815 68	315,815 68	315,815 68
Deficiency of assets (loss)	2,034,374 44	2,168,337 23	2,309,834 96	2,428,943 34	2,620,543 31
Totals.....	$3,209,627 46	$3,379,128 87	$3,473,101 89	$3,571,949 14	$3,779,106 32
Liabilities.					
Capital invested by City of Boston to date	$3,198,987 75	$3,337,779 86	$3,473,086 29	$3,571,933 54	$3,754,090 72
Appropriations account (credit balances).....	10,639 71	41,349 01	15 60	15 60	25,015 60
Total liabilities	$3,209,627 46	$3,379,128 87	$3,473,101 89	$3,571,949 14	$3,779,106 32

Details of Capital Invested by the City of Boston.

Total expenditures to date, per ferry books..	$8,355,982 24	$8,666,381 23	$8,977,252 87	$9,252,299 07	$9,542,934 34
Interest on debts for the year (per City Auditor).....	13,420 00	15,003 00	16,920 00	16,920 00	16,920 00
Interest previous years, etc. (net debits per Auditor)	279,148 85	279,148 85	279,148 85	279,148 85	279,148 85
Total expenditures....	*$8,648,551 09	*$8,960,533 08	*$9,273,321 72	*$9,548,367 92	*$9,839,003 19
Deduct total receipts paid to Collector.....	*5,449,563 34	*5,622,753 22	*5,800,235 43	*5,976,434 38	*6,084,912 47
Excess of expenditure, viz., capital invested by city.....	$3,198,987 75	$3,337,779 86	$3,473,086 29	$3,571,933 54	$3,754,090 72

* Auditor's figures for total expenditures and receipts are $60,278.56 more than above, the difference (capital invested) being the same. $3,542.50 for additional interest, and $33 counted twice on total of ferry books, have also been included in these figures.

† See footnote, §, under Table 4.

7. Total Expenditures upon Ferries since 1858-59.

Expenditure for avenues, paving, interest, etc., previous to purchase of the ferries by the city,†	$444,101 30
Purchase of ferries, April, 1870	276,375 00
* Expenditures for ferry-boats since April, 1870,	618,070 58
* Expenditures for new buildings, piers, drops, etc.	530,523 64
* Expenditures for tools and fixtures	14,752 46
Expenditures for land from Lincoln's wharf in 1887	5,562 52
Expenditures for land from Battery wharf in 1893	10,000 00
Total expenditures on capital account	$1,899,385 50
* Expenditures for repairs of all kinds	810,707 47
* Expenditures for fuel	1,289,194 82
* Expenditures for salaries and wages	4,367,994 87
Expenditures for all other purposes	1,531,999 09
	$9,899,281 75

TOTAL RECEIPTS FROM FERRIES SINCE 1858–59.

Receipts from rents, etc., previous to purchase of ferries		$29,588 56
* Receipts from ferry tolls since purchase of ferries		5,863,147 31
* Receipts from rents since purchase of ferries		60,969 13
* Receipts from sales of ferry-boats		147,331 21
* Receipts from all other sources, per ferry books		14,152 00
Receipts from all other sources, additional per Auditor		30,690 00
		$6,145,878 21
Less rejected money destroyed	$104 18	
Less amount counted twice	33 00	
Less amount in hands of tollmen	550 00	
		687 18
Total per City Auditor's figures		$6,145,191 03

* According to books of the Ferry Division.
† See footnote, §, under Table 4.

REGULAR ANNUAL (ORDINARY) AND SPECIAL APPROPRIATIONS (EXTRAORDINARY) OF THE FERRY DIVISION OF THE STREET DEPARTMENT FOR THE YEAR ENDING JANUARY 31, 1905.

Appropriation for the year ending January 31, 1906	$243,000 00
Received by transfer	18,995 90
Total amount	$261,995 90
Amount of expenditures	$261,995 90

SPECIAL APPROPRIATIONS.

Appropriation authorized and issued May 27, 1902, for ferry improvements		$100,000 00
Amount expended from May 27, 1902, to February 1, 1903	$58,650 99	
Amount expended from February 1, 1903, to February 1, 1904	41,333,41	
Amount expended from February 1, 1904, to February 1, 1905	–	
Amount expended from February 1, 1905, to February 1, 1906	–	
		99,984 40
Unexpended balance of appropriation, January 31, 1906		$15 60
Appropriation authorized and issued July, 1905, for equipping ferry boats with life saving appliances		$12,000 00
Amount expended from July 31, 1905, to February 1, 1906	$11,719 37	
Amount transferred to City Treasury, January, 1906	280 63	
		$12,000 00
Appropriation authorized and issued July, 1905,		$25,000 00
Amount expended during year ending January 31, 1906		–
Unexpended balance of appropriation January 31, 1906		25,000 00

STATEMENT SHOWING RECEIPTS AT EACH FERRY.

North Ferry.

From Tollman.	Foot Passengers.	Team Tickets.	Total.
No. 2	$6,532 60	$3,021 00	$9,553 60
" 3	6,453 79	2,980 00	9,433 70
" 5	6,607 88	3,063 50	9,671 38
" 6	6,532 90	2,982 00	9,514 90
" 9	6,435 71	2,901 50	9,337 21
" 10	2,387 15	804 00	3,191 15
	$34,949 94	$15,752 00	$50,701 94

From tollmen		$50,701 94
From gatemen:		
For 76,119 foot passengers, at 1 cent,	$761 19	
For cash fares for teams	6,687 05	
		7,448 24
Total at North Ferry		$58,150 18

South Ferry.

From Tollman.	Foot Passengers.	Team Tickets.	Total.
No. 1	$7,097 11	$2,435 00	$9,532 11
" 4	6,606 78	2,610 50	9,217 28
" 7	7,119 01	2,456 00	9,575 01
" 8	6,573 96	2,616 50	9,190 46
" 11	1,016 40	110 00	1,126 40
" 12	1,259 17	111 50	1,370 67
	$29,672 43	$10,339 50	$40,011 93

From tollmen		$40,011 93
From gatemen:		
For 80,511 foot passengers, at 1 cent,	$805 11	
For cash fares for teams	6,827 63	
		7,632 74
Total at South Ferry		$47,644 67

North and South Ferries, as above	$105,794 85
Tickets paid for at office of City Collector	453 50
Carried forward	$106,248 35

Brought forward	$106,248 35
Tickets paid for at office of Ferry Division . .	824 60
Received in lieu of free ferries, July 4, 1904 .	1 00
Total ferriage receipts	$107,073 95
Rents for the year	1,217 67
Sales of old material, head-house privileges, etc. .	186 47
Total cash receipts, as above . . .	$108,478 09

STATEMENT SHOWING THE DIFFERENCE OF TRAVEL ON THE FERRIES FROM FEBRUARY 1, 1905, TO FEBRUARY 1, 1906.

	North Ferry.	South Ferry.
Foot passengers at 1 cent each .	3,571,113	3,047,754
Foot passengers by ticket . .	59,679	29,606
Foot passengers free . . .	30,931	2,745
Total foot passengers . .	3,661,723	3,080,105
One-horse teams and pleasure carriages	361,322	265,196
Two-horse teams	130,177	95,184
Three-horse teams	5,006	4,163
Four-horse teams	5,493	6,185
Two-horse pleasure carriages and hacks	14,596	7,132
Hand-carts, etc.	3,530	988
Drag-wheels	40	48
Free teams	5,892	304

TOTAL TRAVEL ON BOTH FERRIES FROM FEBRUARY 1, 1901, TO FEBRUARY 1, 1906.

	From Feb. 1, 1901, to Feb. 1, 1902.	From Feb. 1, 1902, to Feb. 1, 1903.	From Feb. 1, 1903, to Feb. 1, 1904.	From Feb. 1, 1904, to Feb. 1, 1905.	From Feb. 1, 1905, to Feb. 1, 1906.
One-horse teams....	645,283	641,796	621,329	650,687	626,518
Two-horse teams.....	232,557	249,714	252,048	254,726	225,361
Three-horse teams.....	9,215	7,486	8,244	9,605	9,169
Four-horse teams.....	13,804	13,180	12,995	12,931	11,678
Two-horse carriages and hacks,	16,365	19,115	19,594	19,968	21,728
Two-cent. tolls for handcarts, etc.....	13,562	6,720	6,847	4,560	4,518
Drag-wheels, etc.....	122	86	11	32	88
Foot passengers.....	12,395,649	12,923,734	13,213,559	13,200,033	6,708,152

TICKET STATEMENT FOR THE YEAR 1905-06.

	Balance Outstanding Jan. 31, 1905.	Sold during the Year.	Delivered on Requisitions.	Total.	Received and Destroyed.	Balance Outstanding Jan. 31, 1906.
Foot passes	205,747	60,610	47,300	313,657	89,285	224,372
One-horse team tickets	78,499	339,424	4,208	422,131	338,261	83,870
Two-horse team tickets	47,912	206,080	2,176	256,168	203,951	52,217
Three-horse team tickets	5,126	8,658	.....	13,784	8,230	5,554
Four-horse team tickets	6,499	11,140	.....	17,639	10,588	7,051
One-horse carriage tickets	21,232	20,980	200	42,412	20,680	21,732
Two-horse carriage tickets	2,308	9,260	.....	11,568	8,999	2,569

APPENDIX C.

REPORT OF THE DEPUTY SUPERINTENDENT OF THE PAVING DIVISION.

CITY HALL, BOSTON, February 1, 1906.

MR. CHARLES LOGUE,
Acting Superintendent of Streets:

DEAR SIR, — I herewith submit the annual report of the expenditures and income of the Paving Division of the Street Department for the financial year ending January 31, 1906, showing the nature of the work, the number and variety of permits issued, and the details of expenditures involved in paving, macadamizing, regulating and constructing various streets.

Respectfully yours,

J. H. SULLIVAN,
Acting Deputy Superintendent.

The Paving Division has charge of the following work:

The maintenance and rebuilding of street surfaces and sidewalks.

The placing of signs.

The numbering of buildings.

The issuing of permits to open or occupy the streets or for such other purposes as may be required under the ordinances.

The removal of snow and ice from the gutters, streets and plank sidewalks.

The cleaning of streets in the suburban districts not covered by the Street Cleaning Division.

The division is in charge of a deputy superintendent, with a clerical force under the direction of a chief clerk, and an engineering force under the supervision of a chief engineer.

The repairs upon asphalt pavement have been supervised, located and plotted upon plans prepared for that purpose, and tables are annexed showing the amount of repairs and the cost in detail on all asphalt streets upon which the maintenance guarantee has expired.

The agreement which was entered into with the Barber Asphalt Paving Company in 1904, whereby the asphalt repairs on streets, on which the maintenance guarantee has expired, are guaranteed for a period of three (3) years, was continued during the year.

Geneva avenue, from Westwood street, across Vaughan avenue, was widened and the rough grading done to meet the conditions caused by the new bridge of the New England Division of the New York, New Haven & Hartford Railroad. This work was done by John E. Gill under contract dated May 16, 1905. Work was commenced May 22, and completed June 17, 1905.

Under the provisions of chapter 323 of the Acts of 1891, and acts in amendment thereof or in addition thereto, there were two (2) streets and one (1) boulevard completed during the year.

Belgrade avenue, from South street to Anawan avenue; the regulating and macadam surface have been done this season and the street is now completed.

Columbia road, from the bridge over Old Colony avenue to Covington street, was finished, thus completing the boulevard from Franklin Park to Marine Park, a distance of nearly four miles.

Hyde Park avenue, from Walk Hill street to about 287 feet north of Ashland street; the regulating and macadam surfacing were done this year, thus completing the work started in 1904.

During the year a number of streets in the residential sections of the city have been surfaced with bitulithic pavement. This pavement was introduced three years ago, and is a very satisfactory pavement, particularly on grades, where, on account of the peculiarity of its composition, horses are enabled to travel upon it in safety.

In the City Proper the following streets were laid with this pavement:

Albany street, from northerly side of Stoughton street, across East Concord street.

Albany street, from Massachusetts avenue about 225 feet northerly.

Allen street, from Chambers street to Charles street.

5. — **Comparison of Receipts, etc.** — *Concluded.*

RECEIPTS.	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.
EXPENDITURES (ORDINARY).					
Office:					
Superintendent's salary	$3,000 00	$3,000 00	$3,000 00	$3,000 00	$3,000 00
Clerks and cashier	4,200 00	4,100 30	4,189 00	4,087 50	4,000 00
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Printing	804 80	1,342 84	918 58	868 49	734 42
Telephones	336 61	265 88	217 30	382 52	274 26
* Keeping horse and repairing vehicle	315 47	947 90	675 93	662 56	620 60
Advertising, etc	.....	102 07	129 22	10 50	22 75
Examination of accounts, etc	.....	469 00	.....	.....	.....
Travelling expenses	63 00	70 00	.....	.....	.....
Premiums, surety companies	114 50	115 00	107 50	97 50	107 50
Total office expenditures	$9,122 08	$10,761 58	$9,634 58	$9,506 96	$9,015 98
Ferry-boats and landings:					
Employees	151,200 46	130,562 51	149,850 77	164,666 42	161,965 81
Fuel	40,249 21	47,301 50	61,042 76	35,701 13	47,788 67
Teaming, wheeling coal, etc	4,237 50	5,143 00	5,552 60	5,648 45	5,572 80
Oil, waste and supplies	5,761 51	6,112 60	5,744 50	8,446 14	6,972 27
Tools, iron and hardware	1,613 28	2,702 22	.....	.....	.....
Gas	957 56	716 05	1,047 58	967 94	867 96
Electric light	7,160 98	6,749 35	7,611 62	7,176 04	5,593 10
Towing by horses	.....	519 36	.....	418 25	.....
" " electric power	600 00	600 00	600 00	354 50	207 40
Repairs of boats	16,331 98	6,164 08	6,949 43	15,299 12	11,022 02
" " buildings and drops	6,108 99	4,850 62	5,127 00	8,806 41	11,576 12
Furnishings, electric, etc	636 76	639 97	670 88	943 59	579 97

Damages	20 00	23 45	149 88	17 00	.....
Rent Sargent's wharf	4,000 00	4,000 00	.....	.....	.....
Other expenditures	753 75	842 00	553 63	175 25	833 80
Total from regular appropriations	$248,754 06	$227,688 29	$254,535 23	$258,126 20	$261,995 90
EXPENDITURES FROM SPECIAL APPROPRIATIONS.					
New ferry landing	† 41,988 16	10,639 71	.....	.....	.....
Equipment of ferry-boats	.....	.....	.....	.....	11,719 37
Ferry improvements	.....	58,650 99	41,333 41	.....	.....
Total expenditures, regular and special	$290,742 22	$296,978 99	$295,868 64	$258,126 20	$273,715 27
Transfers to treasury	.....	.....	.....	.....	280 63
Transfers to other departments	4,959 87	.....	.....	.....	.....
Total expenditures, including transfers	$295,702 09	$296,978 99	$295,868 64	$258,126 20	$273,995 90
Balances in treasury unexpended:					
From ordinary appropriations	.....	.....	.....	.....	.....
From special appropriations	$10,639 71	$41,349 01	$15 60	$15 60	$25,015 60

* Includes repair coal carts.
† Portion of $500,000 loan authorized, of which $200,000 was transferred to Sewer Division.

Columbus avenue, between Roxbury street and Cedar street, was repaved on the westerly side by the James J. Coughlan Construction Company. This pavement is large granite blocks, on a 6-inch Portland cement concrete base, with pitch and pebble joints.

Eliot street, Washington street to Tremont street, was paved under contract by Jeremiah J. Sullivan, with large granite blocks, on a 6-inch Portland cement concrete base, with pitch and pebble joints, including the area of the tracks, which was paid for by the Boston Elevated Railway Company. The excavating and regulating were done by the contractor. The old paving blocks were hauled to the lot on Massachusetts avenue. The former surface was granite blocks, on a concrete base, with pitch joints.

Essex street, from Chauncy street to Lincoln street, was paved under contract by John McCourt, with large granite blocks, on a 6-inch Portland cement concrete base, with pitch and pebble joints, including the area of the track, which was paid for by the Boston Elevated Railway Company. The excavating and regulating were done by the contractor. The old paving blocks were hauled to the lot on Massachusetts avenue. The former surface was granite blocks, on a gravel base, with part pitch and part gravel joints.

Harrison avenue, from Bedford street to Essex street, was paved under contract by William J. Rafferty, with large granite blocks, on a 6-inch Portland cement concrete base, with pitch and pebble joints, including the area of the tracks, which was paid for by the Boston Elevated Railway Company. The excavating and regulating were done by the contractor. The old paving blocks were hauled to the lot on Massachusetts avenue. The former surface was granite blocks, on a gravel base, with gravel joints.

Harrison avenue, from Beach street to Kneeland street, was paved under contract by John E. Burns, with large granite blocks, on a 6-inch Portland cement concrete base, with pitch and pebble joints, including the area of the tracks, which was paid for by the Boston Elevated Railway Company. The excavating and regulating were done by the contractor. The old paving blocks were hauled to the lot on Massachusetts avenue. The former surface was granite blocks, on a gravel base, with gravel joints.

South street, from Essex street, across Beach street, was paved under contract by Jeremiah J. Sullivan, with large granite blocks, on a 6-inch Portland cement concrete base, with pitch and pebble joints, including the area of the tracks, which was paid for by the Boston Elevated Railway Company. The excavating and regulating were done by the contractor. The old paving blocks were hauled to the lot on Massachusetts avenue. The former surface was granite blocks, on a gravel base, with gravel joints.

ASPHALT.

Ash street, from Bennet street to Nassau street, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company. The excavating and regulating were done by John E. Burns. The former surface was Trinidad asphalt on a concrete base.

Bennet street, from Ash street to Harrison avenue, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface, and one and one-half (1½) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company. The excavating and regulating were done by John E. Burns. The former surface was part Trinidad asphalt and part granite block on a gravel base with gravel joints.

Bolton street, from C street to D street, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface on one and one-half (1½) inches of bituminous concrete binder on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company. The regulating was done by William Higgins, and the excavating was done by the city. The former surface was macadam.

Devonshire street, from Milk street to Franklin street, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface, and one and one-half (1½) inches of bituminous concrete binder on the old concrete base under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company, who also laid Portland cement concrete which was required to make up the difference in the thickness between the old block paving and the new asphalt pavement. John E. Burns did the regulating and the city removed the old blocks. The former surface was granite blocks on a concrete base with cement grout joints.

Harrison avenue, from Decatur street to Gloucester place, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company. The track area was paved with large granite blocks on a 6-inch Portland cement concrete base with pitch and pebble joints, under contract by John E. Burns, who also did the regulating and excavating. The old paving blocks were hauled to the South End paving yard by the city. The track area was paid for by the Boston Elevated Railway Company. The former surface was granite blocks on a gravel base with gravel joints.

Hayward place, from Harrison avenue about 192 feet westerly, was repaved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of

bituminous concrete binder laid on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company, who also did the necessary excavating. The former surface was asphaltina on a concrete base. On account of the subway work in Washington street that end of Hayward place was not resurfaced.

Norman street, from Green street to South Margin street, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company. The excavating and regulating were done by D. J. Kiley. The former surface was granite blocks on a gravel base with gravel joints.

Northampton street, from Washington street to Shawmut avenue, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base by the Barber Asphalt Paving Company. The track area was paved with large granite blocks on a 6-inch Portland cement concrete base with pitch and pebble joints, under contract by Thomas McMan, who also did the excavating and regulating. The track area was paid for by the Boston Elevated Railway Company. The former surface was granite blocks on a gravel base with gravel joints.

Salutation street, from Hanover street to Commercial street, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surfaee, and one and one-half (1½) inches of bituminous concrete binder on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company, who also did the regulating and excavating. The old blocks were hauled to the North End paving yard by the city. The former surface was granite block on a gravel base with gravel joints.

South Margin street, from Staniford street across Norman street, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of bituminous concrete binder laid on a 6-inch Portland cement concrete base under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company. The excavating and regulating were done by D. J. Kiley. The former surface was granite blocks on a gravel base with gravel joints.

Tileston street, from Hanover street across Unity street, was repaved with one and one-half (1½) inches of Trinidad asphalt wearing surface, and one and one-half (1½) inches of bituminous concrete binder on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company, who also did the regulating and excavating. The old paving blocks were hauled to the North End paving yard by the city. The former surface was part Trinidad asphalt on a cobble base and part granite blocks on a gravel base with gravel joints.

West Sixth street, from C street to D street, was paved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of bituminous concrete binder, the greater part on a 6-inch Portland cement concrete base and a small part on existing concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company. The track area was paved with large granite blocks on a 6-inch Portland cement concrete base with pitch and pebble joints, under contract by William Higgins, who also did the regulating. The excavating was done by the city. The track area was paid for by the Boston Elevated Railway Company. The former surface was mainly granite blocks on a gravel base with gravel joints, a small amount being asphalt.

Wiggin street, from Tileston street to North Bennet street, was repaved with one and one-half (1½) inches of Trinidad asphalt wearing surface and one and one-half (1½) inches of bituminous concrete binder on a 6-inch Portland cement concrete base, under a ten (10) years' maintenance guarantee, by the Barber Asphalt Paving Company, who also did the excavating and regulating. The old cobbles were hauled to Burnham's wharf by the city. The former surface was Trinidad asphalt on a cobble base.

BITULITHIC PAVEMENT.

This is a patent pavement composed of crushed stone and bituminous cement. It is laid six (6) inches deep, four inches of which is composed of No. 1 crushed stone well rolled and treated with two layers of bituminous cement. The other two inches, or wearing surface, is composed of a crushed stone varying in size from two (2) inches to a fine dust, and heated and mixed with bituminous cement and rolled with a steam-road roller. This pavement was laid in the following streets under a ten (10) years' maintenance guarantee, by the Warren Brothers Company.

Albany street, from northerly side of Stoughton street across East Concord street. The contractor did the excavating and the city removed the excavated material. The former surface was Sicilian Rock asphalt on a concrete base.

Albany street, from Massachusetts avenue about 225 feet northerly. The contractor did the excavating and regulating. The former surface was granite block on a gravel base with gravel joints.

Allen street, from Chambers street to Charles street. The contractor did the excavating and regulating. The former surface was macadam.

Boylston street, from Massachusetts avenue to the Parkway, with the exception of the track area, which was paved with large granite blocks on a 6-inch Portland cement concrete base with

pitch and pebble joints. The contractor did the excavating and regulating. The track area was paid for by the Boston Elevated Railway Company. The former surface was macadam.

Clarendon street, from Beacon street to Boylston street, minus Commonwealth avenue intersection. The contractor did the excavating and regulating. The former surface was macadam.

Dorchester street, from the northerly side of Broadway to Eighth street, with the exception of the track area and the intersections of Fourth, Old Harbor, Fifth and Telegraph streets, which were paved with large granite blocks on a 6-inch Portland cement concrete base with pitch and pebble joints. The contractor did the excavating and regulating. The track area was paid for by the Boston Elevated Railway Company. The former surface was macadam.

Harrison avenue, from Northampton street, across East Springfield street, with the exception of about 140 square yards of asphalt near East Springfield street, and track area which was paved with large granite blocks on a 6-inch Portland cement concrete base with pitch and pebble joints. The contractor did the excavating and regulating. The track area was paid for by the Boston Elevated Railway Company. The former surface was granite blocks on a gravel base with gravel joints.

McLean street, from Chambers street to Blossom street. The contractor did the excavating and regulating. The former surface was macadam.

St. Alphonsus street, from Tremont street across Smith street. The contractor did the excavating and regulating. The former surface was macadam.

Thomas Park, South Boston. The contractor did the excavating and regulating. The former surface was macadam.

Tyler street, from Beach street to Harvard street and from Oak street to Curve street. The contractor did the excavating and regulating. The former surface was macadam.

ASSESSMENT STREETS.

The following streets have been completed under the provisions of chapter "323" of the Acts of 1891, and the acts in amendment thereof or in addition thereto.

Belgrade avenue, from South street to Anawan avenue, has been completed during the year. Work was resumed on that portion between South street and 120 feet west of Newburg street, April 4, 1905, by Philip Doherty, under his contract, dated April 25, 1904, and completed August 25, 1905. Work on that portion between 120 feet west of Newburg street and Anawan avenue was resumed April 10, 1905, by Philip Doherty, under his contract dated June 6, 1904, and completed November 14, 1905. The street is about 4,588 feet long and 70 feet wide, including sidewalks. It has two (2) 12-foot crushed stone sidewalks, granite

edgestone, three (3) foot granite block gutters and flagging crosswalks. The roadway, with the exception of the track area, which was paved by the Boston Elevated Railway Company, is principally 6-inch macadam. There is also a small amount of granite block paving on a gravel base with gravel joints. The straight edgestone, flagging and crushed stone were furnished by the city and hauled by the contractor. The gutter blocks and the circular edgestone were furnished by the city on the site of the work.

Columbia road, from the bridge over Old Colony avenue to Covington street, was completed May 6, 1905, by T. F. Bradley, under his contract dated July 15, 1903. This street is about 4,550 feet long. At the bridge over Old Colony avenue there is a single telford-macadam (8-inch telford, 4-inch macadam) roadway, with two (2) crushed stone sidewalks each 10 feet wide, running in a northeasterly direction for about 200 feet, gradually widening into two (2) roadways. The easterly or pleasure drive is 42 feet wide, of 9-inch macadam, with 15-foot crushed stone sidewalks and edgestone. A fifteen (15) foot planting space is between the roadways. The westerly or traffic road is 30 feet wide, of 4-inch macadam on 8-inch telford base with 8-foot crushed stone sidewalks and edgestone. This type of construction continues in a northerly direction for about 800 feet. From here the pleasure drive continues of the same width and description to a point near Hyde street, where it turns in an easterly direction, and running about 600 feet connects with a drive of the same character built by the Park Department. The loam space between this driveway and a traffic road to be built on Old Colony avenue (proposed) has been constructed to a point near Hyde street at a width of 23 feet. From thence following the pleasure drive it gradually widens until it meets the Park construction opposite Newman street, at which point it is 40 feet wide. From a point opposite Hyde street on Old Colony avenue to Newman street, a traffic road (telford-macadam) 30 feet wide has been built with 17-foot sidewalks and edgestones. Ten (10) feet of the sidewalk is crushed stone and seven (7) feet is loam. From Newman street to Covington street, a part of Columbia road, formerly Ninth street, a traffic road (telford-macadam) 42 feet wide with 8-foot sidewalks and edgestones has been built. The straight edgestone and flagging and crushed stone were furnished by the city and hauled by the contractor. The circular edgestone and gutter blocks were furnished by the city on the site of the work.

Hyde Park avenue, from Walk Hill street to about 287 feet north of Ashland street was completed during the year. Work on that portion between Walk Hill street and Stony Brook was resumed April 17, 1905, by Thomas F. Minton, under contract dated May 12, 1904, and completed November 20, 1905. On that portion between Stony Brook and 287 feet north of Ashland street, work was resumed March 24, 1905, by Thomas F. Minton,

under his contract dated July 7, 1904, and completed December 13, 1905. This street is about 7,200 feet long and is 80 feet wide, including sidewalks. It has two (2) thirteen (13) foot crushed stone sidewalks, granite edgestone, 3-foot granite block gutters, flagging crosswalks and a 6-inch macadam roadway, excepting the track area, which was paved with granite blocks on a gravel base with gravel joints by the Boston Elevated Railway Company. The straight edgestone, flagging and crushed stone were furnished by the city and hauled by the contractor. The circular edgestone and gutter blocks were furnished by the city on the site of the work.

FINANCIAL STATEMENT.

REGULAR APPROPRIATION.

Maintenance	$900,000 00	
Transfers from various appropriations	109,915 18	
Amount collected for repairs made by Paving Division for different companies, etc. .	1,837 59	
		$1,011,752 77
Expenditures from February 1, 1905, to January 31, 1906		$1,011,752 77

STREET IMPROVEMENTS.

Balance on hand February 1, 1905 . .		$2,908 34
Amount of appropriation .	$500,000 00	
Amount of loan	220,000 00	
Amount collected for repairs made by Paving Division for different companies, etc. .	19,803 61	
Transferred from appropriation for foot-bridge over N. Y., N. H. & H. R. R., at Gainsborough street . . .	127 52	
Amount transferred from various appropriations . .	24,935 49	764,866 62
		$767,774 96
Expenditures from February 1, 1905, to January 31, 1906		767,707 46
Unexpended balance, January 31, 1906 .		$67 50

TOTAL EXPENDITURES.

Maintenance appropriation, Paving Division	$1,011,752 77
Street improvements	767,707 46
Atlantic avenue, reconstruction	15,570 92
Atlantic-avenue extension (for City Engineer)	8,741 91
Brandon street and Belgrade avenue	39,374 40
Broadway bridge, rebuilding	191 50
Freeport street, retaining wall	704 70
Highways, making of	10,604 01
Hyde Park avenue	58,973 65
Reconstruction of bridges over railroad tracks at Norfolk, Harvard, Medway and West Selden streets	14,165 36
	$1,927,786 68

INCOME.

Statement showing the amount of bills deposited with the City Collector from February 1, 1905, to January 31, 1906, on account of the Paving Division:

Edgestone and sidewalk assessments	$19,335 96

The amount paid into the City Treasury during the year on account of the Paving Division was as follows:

Sidewalk construction assessments (law of 1893),	$19,417 22

Objects of Expenditures from the Regular Appropriation, Classified by Districts, from February 1, 1905, to January 31, 1906.

DISTRICTS.	Repairs.	Snow.	Edgestone and Sidewalk Repairs.	Repairing Fences.	Repairing Plankwalks.	Miscellaneous.	In Excess of Appropriation for Street Improvements.	Totals.
1. South Boston	$3,974 78	$16,921 38	$11,144 32	$812 29	$11 42	.....	$11,655 36	$44,519 55
2. East Boston	8,439 65	5,749 75	9,452 06	1,721 69	45 00	.....	6,115 26	31,523 41
3. Charlestown	10,486 95	7,909 14	4,156 49	134 92	.....	.....	1,786 81	24,474 31
4. Brighton	9,378 28	5,382 41	1,826 44	315 51	181 83	.....	8,804 31	25,888 78
5. West Roxbury	9,897 56	9,503 93	1,253 61	1,928 22	37 63	.....	21,540 44	44,161 39
6. Dorchester	22,336 71	11,419 59	10,236 79	678 03	594 43	.....	27,076 43	72,341 98
7. Roxbury	24,082 33	16,904 75	13,822 40	2,717 84	214 23	.....	16,712 97	74,454 52
8. South End	15,495 13	29,584 74	13,963 38	91 88	88 53	.....	32,293 81	91,517 47
9. Back Bay	6,254 92	11,437 26	7,817 90	2,078 44	111 68	.....	15,455 82	43,156 02
10. North End	28,218 82	22,302 94	5,574 57	.....	.....	.....	3,396 67	59,493 00
	.....	.....	.....	.....	.....	$500,272 34	.....	500,272 34
Totals	$138,565 13	$137,115 89	$79,247 96	$10,478 82	$1,234 75	$500,272 34	$144,837 88	$1,011,752 77

SCHEDULE A.

Salaries of Deputy Superintendent and office employees		$13,360 20
Salaries of permit office employees		9,338 34
Salaries of inspectors		24,562 63
Salaries of engineers		30,209 11
Salaries of smoke inspectors		2,316 69
Holidays		57,683 61
Signs and numbers		5,464 00
Furniture		27 50
Repairing offices, stables, sheds, etc.		1,490 52
Engineering supplies		401 51
Gas and electric lighting		688 23
Medical attendance on injured employees		447 00
Pay allowed injured employees		771 80
Printing and stationery		5,995 13
Wharfage and rent		10,766 27
Fuel and oil		2,550 24
Taxes		339 69
Advertising		260 72
Telephone service		1,746 30
Veterinary services		1,414 00
Shanties, repairing, etc.		214 00
Artificial stone sidewalks, repairing and rebates allowed		6,330 64
Stoves, stove-pipe, etc.		357 78
Expenses of yards and stables, including care of horses, repairs to carts, harness, etc.	$193,978 47	
Less amount earned by the division teams	81,659 48	
		112,318 99
Tools, new, and cost of repairing, etc.		27,064 42
Street cleaning		82,831 49
Edgestones and sidewalks, new		14,289 86
Fences and plankwalks, new		1,205 80
Crossing repairs		10,077 14
Crossings, new		2,906 57
Street Cleaning Division		47 28
Sewer Division, filling in trenches		1,209 95
Sanding icy streets		146 20
Oatmeal		215 32
Travelling expenses and incidentals		1,135 00
Repairing building at Revere-street wharf		80 34
Repairing fence on Chelsea bridge		509 38
Painting buildings, East Eagle-street yard		270 08
Electrical appliances and repairs at yards		974 70
Carried forward		$432,018 43

Brought forward	$432,018 43
Executions of court	427 77
Damages	219 45
Building new shed, repairing buildings and grading yard at Charlestown yard	8,369 14
Building stairs at Columbia-road bridge	184 37
Repairing retaining wall, Bowen street	64 15
Building new shed at South yard	2,598 68
Building shed for steam-roller at East Eagle-street yard	54 20
New steps, Everett-street bridge, Brighton	413 28
Steam-rollers (two, new)	5,900 00
Rent of towels	64 80
Extra postage, etc.	44 36
Subscriptions to newspapers	13 50
Repairs to Franklin street tunnel	51 25
Repairs to Traverse street subway	15 35
Use of scales for weighing stone	41 90
Constable bond	15 00
Expressage on empty oil barrels	12 25
Ice	82 65
Ensigns	30 00
Messenger service	1 95
Repairing heater	74 39
Sundries	101 00
Stock	8,017 83
Stone-crushers	43,072 83
Total	$501,888 53
Less amount earned by steam-rollers	1,616 19
	$500,272 34

DETAIL OF EXPENDITURES UNDER SPECIAL APPROPRIATIONS.

Atlantic avenue, reconstruction	* $15,570 92
Atlantic avenue, extension	8,741 91
Brandon street and Belgrade avenue	39,374 40
Broadway bridge, rebuilding	191 50
Freeport street, retaining wall	704 70
Hyde Park avenue	58,973 65
Reconstruction of bridges over railroad tracks at Norfolk, Harvard, Medway and West Selden streets	14,165 36
Total	$137,722 44

* $612.60 paid by Boston Elevated Railway Company.

STREET IMPROVEMENTS.

Abbot street, from Blue Hill avenue, 200 feet easterly	$298 17
Adams street, Richmond street to Milton street	1,533 44
Advertising	286 20
Akron street, Regent street to Alpine street	2,436 10
Albany street, Beach street to Kneeland street	7,227 66
Albany street and East Dedham street, at intersection of both streets	4,425 05
Albany street, Stoughton street to East Concord street	4,630 00
Albany street, from Massachusetts avenue, 225 feet northerly	6,239 78
Allen street, Chambers street to Charles street	15,029 53
Allston street, at Commonwealth avenue	264 05
Almont street, Blue Hill avenue to Walk Hill street	6,728 82
Alveston street, Greenough street to Seaverns avenue	268 83
Anawan avenue, near Beech street	171 44
Ash street, Bennet street to Nassau street	1,906 47
Ashburton place, unfinished from 1904	86 13
Ashford street, Chester street to Malvern street	3,566 49
Ashland street, from Washington street, 100 feet southerly	141 04
Ashmont street, Adams street to Neponset avenue, and at engine-house on Dorchester avenue	10,918 15
Asphalt repairs	13,312 43
Atherton street, near Amory street	271 08
Auckland street, Elton street to Belfort street	1,092 98
Avery street, Washington street to Mason street	737 32
Batchelder street, West Cottage street to Clifton street	479 12
Bay State road, Beacon street to Granby street	4,516 73
Beacon street, Dartmouth street to Fairfield street (unfinished)	962 89
Beech street, Anawan avenue to Washington street,	7,689 55
Belfort street, Sagamore street to Dorchester avenue	824 79
Bellevue street, Park street to Francis street	204 00
Bennet street, Ash street to Harrison avenue	1,996 48
Bickerstaff street, Haviland street to Norway street,	2,345 89
Blackinton street, Bennington street to Leyden street	1,446 81
Blackstone street, Hanover street to Cross street	8,572 56
Blue Hill avenue, McLellan street to Callender street and Lauriat avenue to Walk Hill street	15,729 54
Carried forward	$126,339 52

Brought forward	$126,339 52
Boardman street, Saratoga street to Leyden street,	307 50
Bolton street, C street to D street . . .	3,635 68
Boston street, Mt. Vernon street to Dorset street .	5,152 97
Bourne street, near Canterbury street . . .	225 46
Boylston avenue, unfinished from 1904 . .	135 00
Boylston street, Washington street to Tremont street	878 28
Boylston street, Dartmouth street to the bridge (unfinished from 1904)	137 36
Boylston street, Massachusetts avenue to Fenway .	*7,583 95
Breed street, Gladstone street to Ashley street ·	1,350 84
Bremen street, at Marion street	204 04
Brent street, from Talbot avenue, 260 feet westerly,	450 00
Brookline avenue, Beacon street to Audubon road,	14,701 12
Brooks street, Saratoga street to Morris street .	1,435 16
Brookside avenue, Green street to Boylston street,	1,816 20
Brown avenue, Poplar street to Florence street .	14,382 88
Cambridge street, Harvard avenue to R.R. bridge,	448 39
Camden street, Shawmut avenue to Tremont street,	471 60
Canterbury street, Morton street to Walk Hill street,	4,081 53
Carolina avenue, work not started . . .	137 50
Catawba street, Laurel street to Sherman street .	999 37
Causeway street, Portland street to Leverett street,	†7,773 05
Cedar street, River street to Manchester street .	1,155 81
Centre street, Beech street to La Grange street, Sheridan street to Eliot street, Allandale street to Louder's lane, and Baker street to Dedham line,	16,109 80
Centre street, unfinished work from 1904 . .	575 90
Chatham row, State street to Chatham street .	1,119 09
Chatham street, Merchants row to Commercial street	6,855 11
Chelsea street, Mt. Vernon street to Vine street .	‡13,512 48
Chelsea street, Prescott street to Gove street .	7,173 51
Chestnut avenue, Boylston street to Paul Gore street . . . . . , . . .	1,035 97
Chestnut Hill avenue, from Washington street, 300 feet southerly	455 53
Circuit street, at Regent street	153 52
Clarendon street, Tremont street to Columbus avenue (unfinished from 1904) . . .	2,398 45
Clarendon street, Beacon street to Boylston street,	20,406 03
Cobden street, Washington street to Walnut avenue	1,822 96
Colton street, West First street to West Second street	1,241 44
Columbia road, Quincy street to Stanwood street,	5,464 94
Carried forward	$272,127 94

* $452.65 paid by Boston Elevated Railway Company.
† $961.35 paid by Boston Elevated Railway Company.
‡ $2,447.40 paid by Boston Elevated Railway Company, and $235.27 paid by Boston & Northern Street Railway Company.

Brought forward	$272,127 94
Columbus avenue, Roxbury street to Cedar street,	8,565 13
Commonwealth avenue, St. Paul street to Pleasant street and Beacon street to Cottage Farm . .	11,298, 49
Conant street, Huntington avenue to Parker street,	2,249 68
Congress street bridge	8,707 78
Cornwall street, near Brookside avenue . .	180 14
Crawford street, near Harold street . . .	633 10
Curve street, Albany street to Tyler street . .	2,510 52
Cushing avenue, Jerome street to Sawyer avenue .	817 78
D street, unfinished from 1904	838 56
Dale street, near Sherman street	240 30
Dartmouth place, repairing wall	90 60
Decatur street, Medford street to Bunker Hill street,	436 33
Denny street, from Savin Hill avenue 200 feet southerly	$241 23
Devonshire street, Franklin street to Milk street .	6,076 26
Dorchester avenue, sea wall, unfinished from 1904,	1,270 30
Dorchester avenue, at Andrew square . . .	254 15
Dorchester avenue, Savin Hill avenue to Roach street	10,022 85
Dorchester avenue, Freeport street to Leedsville street	12,314 41
Dorchester avenue, Beale street to Adams street .	1,868 98
Dorchester street, West Broadway to West Eighth street, and at intersection of West Broadway .	*47,031 56
Dundee street, Massachusetts avenue to Dalton street	1,730 83
Dunmore street, Dudley street to Magazine street,	518 74
Dupont street, Chelsea street to Decatur street .	152 00
East Dedham street, at Albany street (*see* Albany street)	
East First street, I street to L street . . .	4,222 13
East First street, P street to Q street . . .	3,503 62
East Lenox street, Washington street to Harrison avenue	2,459 47
East Ninth street, Mercer street to Columbia road,	714 25
East Second street, L street to O street . .	10,024 63
East Seventh street, unfinished work from 1904 .	14 75
East Sixth street, I street to K street . . .	4,030 38
Eastburn street, Mt. Vernon street to Washington street	1,408 33
Eastman street, at Columbia road . . .	478 43
Edgewood street, Warren street to Blue Hill avenue,	2,241 71
Eliot street, Washington street to Tremont street,	†6,709 46
Eliot street, Centre street to Pond street . .	1,600 04
Elm street, Bartlett street to Medford street .	5,434 74
Carried forward	$433,019 60

* $5,645.63 paid by Boston Elevated Railway Company.
† $1,539.43 paid by Boston Elevated Railway Company.

Brought forward	$433,019 60
Elm street, Green street to Newbern street . .	733 03
Elton street, Sagamore street to Dorchester avenue,	922 99
Emerald street, Castle street to Dover street, from 1904	169 07
Englewood avenue, tar concrete sidewalk . .	1,924 00
Essex street, Lincoln street to Chauncy street .	* 12,577 16
Essex street, Harrison avenue to Washington street,	† 925 50
Eutaw street, Maverick street to Border street .	1,383 19
Evelyn street, Norfolk street to Blue Hill avenue .	635 78
Everett street, Bunker Hill street to Medford street,	3,466 90
Everett street, Bishop street to Elm street . .	1,020 93
Exeter street, Boylston street to Huntington avenue,	1,066 30
Falcon street, Glendon street to Meridian street .	5,335 34
Fayette street, from Pleasant street . . .	459 47
Fellows street, Northampton street to East Lenox street	2,740 36
Ferrin street, near Chelsea street . . .	310 95
Flagg street, Washington street to Reed street .	587 18
Florence street, Sherwood street to Ridge street .	2,592 44
Francis street, Tremont street to Parkway . .	5,604 15
Frederick street, unfinished from 1904 . .	47 55
Fruit street, North Grove street to Charles street .	1,626 30
Fuller street, Washington street to Dorchester avenue	5,965 05
Geneva avenue, Columbia road to Westwood street,	1,605 36
Glendon street, West Eagle street to Falcon street,	708 40
Green street, tar concrete sidewalks, repairs . .	1,496 20
Grimes street, West Eighth street to West Seventh street	1,531 67
Grove street, Washington street to Centre street .	433 87
Gustin street, West Ninth street to Old Colony avenue	1,342 61
Hall street, work not started	312 50
Hamilton street, Bowdoin street to Mt. Everett street, unfinished from 1904	3,737 67
Hancock street, Columbia road to Pleasant street,	2,983 00
Harold street, near Homestead street . . .	150 64
Harris avenue, Centre street to Alveston street .	356 74
Harrishof street, Walnut avenue to Humboldt avenue	6,863 02
Harrison avenue, Bedford street to Essex street .	7,612 63
Harrison avenue, Beach street to Kneeland street,	‡ 5,574 63
Harrison avenue, Decatur street to Gloucester place	§ 2,912 99
Carried forward	$520,735 17

* $691.88 paid by Boston Elevated Railway Company.
† $606.50 paid by Boston Elevated Railway Company, and $319 paid by George A. Fuller Construction Company.
‡ $1,015.38 paid by Boston Elevated Railway Company.
§ $483.72 paid by Boston Elevated Railway Company.

Brought forward	$520,735 17
Harrison avenue, East Springfield street to Northampton street	9,536 18
Harvard street, Blue Hill avenue to Wales street,	3,694 70
Havre street, Meridian street to Sumner street,	2,699 60
Hayward place, from Harrison avenue, 192 feet westerly	* 1,671 90
Highgate street, Farrington street to Cambridge street	476 52
Highland street, Marcella street to Centre street,	1,465 04
Hulbert street, Washington street to Regent street,	758 40
Huntington avenue, Dartmouth street to the bridge, work not started	32 50
Huntington avenue, at intersection of Gainsborough street	354 00
Huntington avenue, Francis street to Brookline line	2,063 20
Hyde Park avenue, near Walk Hill street . .	330 09
Jefferson street, Tremont street to Fayette street .	477 44
K street, from East First street northerly to the water line	488 73
Kingsdale street, from Standish street to 560 feet west of Bernard street	6,918 13
Knapp street, included in cost of Harrison avenue,	
Kneeland street, unfinished from 1904 . . .	83 20
La Grange street, Washington street to Robin street	1,398 94
Lexington street, Meridian street to Border street,	185 90
Leyden street	273 35
London street, Maverick street to Decatur street .	947 50
M street, East Eighth street to Columbia road .	1,554 76
Magazine street, Dudley street to George street .	1,525 10
Malvern street, from Ashford street 200 feet easterly	328 15
Marlborough street, Clarendon street to Dartmouth street	1,424 28
Mason street, Front street to Rutherford avenue .	622 35
Massachusetts avenue, Southampton street to railroad	3,756 61
Massachusetts avenue, Albany street to Washington street	3,376 49
Maywood street, Warren street to Blue Hill avenue,	2,339 14
McLean street, Chambers street to Blossom street,	6,119 58
Mercer street, East Eighth street to Columbia road,	3,091 40
Meridian street, Eutaw street to Condor street .	529 94
Middlesex street, Dover street to Compton street .	1,814 23
Carried forward	$581,072 52

* $1,102.50 paid by George A. Fuller Construction Company; $78.75 paid by Boston Water Department; $172.50 paid by Edison Electric Illuminating Company, and $67.50 paid by Boston Transit Commission.

Brought forward	$581,072 52
Milton avenue, Norfolk street to Fuller street .	1,250 35
Montview street, Mt. Vernon street to Corey street,	280 95
Morton street, Norfolk street to West Selden street,	1,788 47
Mozart street, Centre street to Lamartine street .	2,186 34
Mt. Pleasant avenue, Dudley street to Vine street,	1,826 06
Mt. Vernon street	706 91
Mt. Vernon street, Dorchester avenue to Shoreham street	8,188 29
N street, East Sixth street to Columbia road .	2,615 96
Neponset avenue, unfinished work from 1904 .	122 37
Newbern street, Carolina avenue to Elm street .	482 09
Newbury street, Massachusetts avenue to Brookline avenue	4,543 04
Newman street, Dorchester street to Mercer street,	1,619 77
Nonantum street, Washington street to Newton line,	9,769 84
Norfolk avenue, Magazine street to Marshfield street	4,564 79
Norfolk-street bridge, in excess of special appropriation	126 52
Norman street, Green street to South Margin street,	3,348 94
Northampton street, Harrison avenue to Washington street	8,010 87
Northampton street, Washington street to Shawmut avenue	* 6,189 45
Norway street, Massachusetts avenue to Hemenway street	1,145 60
Oakdale street, Green street to Lamartine street .	1,145 94
Orchard Park street, Adams street to Chadwick street	2,027 21
Oregon street, Conant street to Smith street . .	521 18
Ottawa street, Sherman street to Laurel street .	1,467 12
Park square and Pleasant street	† 2,173 96
Paul Gore street, Centre street to Lamartine street,	3,011 58
Pearl street, Pleasant street to Dorchester avenue .	1,174 72
Pembroke street, Shawmut avenue to Warren avenue,	6,950 25
Pleasant street, Stoughton street to Savin Hill avenue	1,711 42
Pond street, May street to Prince street . .	505 48
Poplar street, work done in 1904	87 50
Pratt street, Wadsworth street to Linden street .	1,299 73
Preble street, Dorchester street to Old Colony avenue	4,077 49
Q street, East First street to East Fourth street .	312 90
Reed's court, Yeoman street to Ambrose street .	595 88
Reedsdale street, Brighton street to Commonwealth avenue	2,140 98
Carried forward	$669,032 47

* $1,219.20 paid by Boston Elevated Railway Company.
† $711.16 paid by Eastern Expanded Metal Company.

Brought forward	$669,032 47
Regent street, Warren street to Dale street . .	10,959 88
Richfield street, unfinished work from 1904 . .	295 33
River street, Mattapan square to Hyde Park line (north side)	4,585 81
Rockville park, from Warren street . . .	965 90
Ruthven street, near Harold street . . .	318 37
Salutation street, Hanover street to Commercial street	1,379 74
Saratoga street, Austin street to Winthrop bridge,	5,442 40
Saratoga street, Swift street to Moore street .	10,992 60
School street, in front of City Hall . . .	391 80
School street, Harvard street to Washington street,	1,737 09
Seaverns avenue, Alveston street to Elm street .	1,907 70
Shawmut avenue, West Springfield street to Massachusetts avenue	2,337 28
Shelby street, Saratoga street to Lexington street,	7,663 66
Silver street, D street to Dorchester street . .	5,283 03
South street, Dudley avenue to Hewlett street, and at Morton street	3,986 43
South street, Beach street to Essex street . .	* 9,988 34
South Fairview street, unfinished work from 1904,	324 36
South Margin street, Staniford street to Norman street	1,657 31
South Walter street, unfinished work from 1904 .	1,200 18
Spencer street, Wheatland avenue to Park street .	1,182 81
Spring Park avenue, Centre street to Chestnut avenue	1,305 58
Spring street, Centre street to Powell street . .	458 50
St. Alphonsus street, Ward street to Smith street .	1,757 78
St. Alphonsus street, Smith street to Tremont street,	6,212 03
Stimson street, Centre street towards Washington street	1,289 12
Summer street, at intersection of Dorchester avenue,	2,970 10
Summer street, Autumn street to Powell street .	921 39
Talbot avenue, Blue Hill avenue to Whitfield street, and Washington street to Dorchester avenue (unfinished)	7,049 32
Thetford avenue, from Evans street 400 feet northerly	544 49
Thomas park, entire	30,314 45
Tileston street, Hanover street across Unity street,	2,210 29
Topliff street, Bowdoin street to Westville street .	7,243 52
Trenton street, Marion street to Meridian street .	1,341 30
Tufts street	95 00
Tyler street, Beach street to Broadway extension (except section between Harrison avenue and Oak street)	12,345 96
Carried forward	$817,701 32

* $1,958.75 paid by Boston Elevated Railway Company.

Brought forward	$817,701 32
Union Park street, Albany street to Harrison avenue	1,248 07
Vale street, Dorchester street to Mercer street .	$4,460 73
Vermont street, near Mount Vernon street . .	173 69
Victoria street, Dorchester avenue to Pleasant street	1,926 83
Village street, Dover street to Castle street .	8,646 59
Vine street, Chelsea street to Tufts street . .	295 40
Vineland street, Market street to North Beacon street	3,072 90
Walk Hill street, Hyde Park avenue to Windham street	7,420 71
Waltham street, Harrison avenue to Washington street	557 10
Walnut avenue	770 84
Walnut Park, Washington street to Walnut avenue,	2,946 39
Ward street, Parker street to Huntington avenue .	6,378 83
Westford street, Raymond street to Raymond street	1,192 90
Warren street, Cambridge street to Brookline line,	12,996 73
Washington street, Williams street to Vernon street,	2,815 42
Washington street, Townsend street to Morton street, unfinished	1,653 64
Washington street, Beach street to La Grange street and Keyes street to Green street . .	2,677 61
West Cedar street, Phillips street to Cambridge street	1,187 87
West Eagle street, Brooks street to Meridian street	2,146 76
West First street, Dorchester avenue to A street .	10,968 03
West Rutland square, Columbus avenue to Carleton street	1,654 40
West Seventh street, B street to C street . .	2,385 39
West Sixth street, C street to D street . .	*8,852 67
West Walnut park, Washington street to Bancroft street	574 40
Whitney street, Tremont street to Conant street .	1,190 11
Wiggin street, Tileston street to North Bennet street	620 56
Wigglesworth street, Tremont street to Huntington avenue	2,787 66
Woolson street, Norfolk street to Blue Hill avenue,	164 00
Worthington street, Tremont street to Smith street,	2,001 34
Wyoming street, Warren street to Wabeno street,	1,076 45
Total	$912,545 34
Less amount paid out of appropriation for Paving Division	144,837 88
	$767,707 46

* $804 paid by Boston Elevated Railway Company.

HIGHWAYS, MAKING OF.

Bennington street, Chelsea street to Belle Isle Inlet	$642 14
Columbia road	7,722 46
West Selden street, Morton street to Manchester street	2,239 41
Total	$10,604 01

New Edgestones. (Not including "323" Streets.)

First Setting. Linear Feet.

YEAR.	South Boston.	East Boston.	Charlestown.	Brighton.	West Roxbury.	Dorchester.	Roxbury.	City Proper.	Totals.
1900	729	616	100	.....	614	9,633	8,882	1,544	22,118
1901	1,925	1,184	.....	4,627	7,936	22,574	13,942	2,480	54,668
1902	1,957	1,121	.....	688	990	10,428	3,842	2,082	21,108
1903	1,578	1,581	.....	5,838	912	10,959	10,164	4,131	35,163
1904	1,391	1,124	569	457	2,677	3,912	3,661	2,092	15,883
1905	2,049	1,494	.....	1,867	6,056	13,548	1,814	4,705	31,533
Totals	9,629	7,120	669	13,477	19,185	71,054	42,305	17,034	180,473

New Brick Sidewalks. (Not including "323" Streets.)

First Laying. Square Yards.

YEAR.	South Boston.	East Boston.	Charlestown.	Brighton.	West Roxbury.	Dorchester.	Roxbury.	City Proper.	Totals.
1900	1,069	1,476	477	873	1,583	4,033	4,999	2,858	17,368
1901	4,617	1,142	323	100	3,825	5,613	4,920	549	21,089
1902	1,319	1,425	.....	288	342	2,537	1,668	190	7,769
1903	1,161	635	.....	.....	182	700	2,342	186	5,206
1904	1,529	817	429	940	432	1,915	2,136	923	9,121
1905	1,186	1,980	.....	202	103	4,140	790	400	8,801
Totals	10,881	7,475	1,229	2,403	6,467	18,938	16,855	5,106	69,354

The amount of new edgestones set and new brick sidewalks paved during the past year, not including "323" streets, is as follows:

	Edgestones. *Linear Feet.*	Brick. *Square Yards.*
South Boston, Paving District No. 1	2,049	1,186
East Boston, Paving District No. 2	1,494	1,980
Brighton, Paving District No. 4	1,867	202
West Roxbury, Paving District No. 5	6,056	103
Dorchester, Paving District No. 6	13,548	4,140
Roxbury, Paving District No. 7	1,814	790
City Proper, Paving Districts Nos. 8, 9, 10	4,705	400
Totals	31,533	8,801

Output of Stone from City Crushers.

	Crushed Stone. *Tons.*
Bleiler crusher	33,935.00
Centre street crusher	48,593.075
Chestnut Hill avenue crusher	33,575.22
Codman street crusher	50,140.05
Columbia road crusher	54,418.50
Dimock street crusher	6,687.05
Kenney street crusher	5,579.45
Rosseter street crusher	8,484.20
Total	241,412.54

STREET OPENINGS.

Permits have been issued from this office for making openings in the public streets for the year ending January 31, 1906, as follows:

	Permits.	Feet.
American Telephone and Telegraph Company	5	21
Auxiliary Fire Alarm Company	4	195
Barber Asphalt Paving Company	18	5,250
Boston Fire Department	53	3,850
Boston Lamp Department	125	2,661
Boston Police Department	39	6,603
Boston Street Department (Sewer Division)	1,185	61,245
Boston Water Department	3,249	99,809
Boston & Albany Railroad Company	2	65
Boston & Maine Railroad Company	5	258
Boston Elevated Railway Company	346	128,401
Boston Low Tension Wire Association	24	1,381
Boston Gas Light Company	185	26,731
Boston Pneumatic Transit Company	4	290
Boston Transit Commission	5	838
Boston, Revere Beach & Lynn Railroad Company	1	60
Boston Consolidated Gas Company	1,428	78,162
Brookline (Town of)	2	30
Brookline Gas Light Company	121	13,264
Charlestown Gas and Electric Company	125	15,258
Charles River Basin Commission	1	10
Dorchester Gas Light Company	150	9,239
East Boston Gas Light Company	241	35,214
Edison Electric Illuminating Company	1,179	62,236
Eastern Cold Storage Company	9	416
Jamaica Plain Gas Light Company	51	4,515
Lynn & Boston Railroad Company	10	755
Massachusetts Pipe Line Gas Company	3	120
Massachusetts Telephone and Telegraph Company,	23	2,873
Metropolitan Water and Sewer Commission	2	36
New England Telephone and Telegraph Company of Massachusetts	436	39,951
Old Colony Street Railway Company	4	3,140
Quincy Market Cold Storage Company	21	1,010
Postal Telegraph and Cable Company	23	389
Roxbury Gas Light Company	64	4,850
South Boston Gas Light Company	80	5,207
Simpson Brothers Corporation	35	3,327
Standard Oil Company	9	282
Union Freight Railway Company	5	545
Warren Brothers Company	80	19,549
Western Union Telegraph Company	13	964
Miscellaneous permits	2,009	183,258
Emergency permits, Class A	1,195	—
Emergency permits returned as used, 1,017, estimated length in feet	.....	4,222
Total	12,569	826,230

Making a total length of openings of about 156.5 miles.

Permits other than for street openings have been granted as follows:

	Permits.
Advertising by man wearing hat and coat lettered	7
Cleaning snow from roofs	114
Dumping snow in public alleys	90
Driving cattle	15
Erecting, removing and repairing awnings	4,035
Erecting and repairing buildings	8,104
Feeding horses on the streets	653
Moving buildings	17
Loading and unloading goods	162
Pedlers (two classes)	876
Painting signs or notices on obstruction fences	15
Placing signs flat on buildings	2,786
Projecting signs and lamps	14
Raising and lowering safes, machinery, etc.	533
Selling fruit, etc., from stands on the sidewalks	559
Selling goods from areas	22
Selling goods from doors and windows	63
Special permits for June 17, July 4, and other holidays	202
Special permits for various purposes	115
Extension of permits	739
Emergency permits (class B)	471
Total	19,592
Total number of permits for street openings	12,569
Total number of permits for other purposes	19,592
Grand total of permits issued	32,161

BONDS.

All bonds (excepting those of responsible corporations) are guaranteed by some one of the surety companies authorized to do business in the State of Massachusetts.

There have been 1,649 bonds cancelled during the year. There are in force 1,341 surety bonds and 71 corporation bonds.

NOTICES.

There have been 15,137 notices sent to the various foremen during the year directing them to repair defects in the public streets which had been reported to the police, inspectors and others; also 3,500 notices sent to departments, corporations and individuals to repair streets where they had received permits for excavations; also to owners of estates

where coal-holes or sidewalk coverings over areas were defective. Four hundred notices have been sent to departments, corporations and owners of abutting estates at the request of the chief engineer and foremen of the Paving Division calling for various changes on account of street improvements.

Each foreman receives a daily statement of all permits issued the preceding day for street openings in his district. A statement is sent to the Board of Health every Monday of all pedlers' permits issued during the preceding week.

INSPECTORS.

With the exception of those required in the office for emergency work the inspectors are still located at the various paving yards. The inspectors report daily by mail to the Permit Office, and on their complaints notices are sent to the proper parties directing repairs to be made, and each inspector is expected to see that these complaints are given proper attention.

There have been other inspectors detailed to serve with, and at the expense of, the various corporations excavating in the streets. These inspectors make a written report daily and weekly on blanks prepared for the purpose.

EMERGENCY PERMITS.

The system adopted a few years ago of having reports made on openings under emergency permits still continues, and a great improvement is shown, although there is still opportunity for further improvement in this direction.

ELECTRIC POLES.

By order of the Board of Aldermen, or at the request of the Wire Commissioner, there have been permits granted for the erection of 268 new, for resetting of 750 old and the removal of 173 poles. Plans showing the location of new poles have been approved by the Superintendent of Streets and placed on file in the Permit Office.

AREAS AND COAL VAULTS.

Twenty-nine permits for the construction of coal vaults and areas have been issued in compliance with the orders passed by the Board of Aldermen.

STREET NUMBERING.

DISTRICTS.	Whole Streets Renumbered.	Part of Streets Numbered.	Estates Numbered.	Numbers Changed.	Metallic Figures Supplied.
East Boston	.....	14	101	13	211
Charlestown	.....	3	39	.....	112
Boston Proper	.....	3	169	9	304
South Boston	1	7	224	160	709
Dorchester	1	11	514	71	1,193
Roxbury	1	5	159	27	339
West Roxbury	.....	7	153	7	298
Brighton	.....	5	114	3	269
Totals	3	55	1,473	290	3,435

PROPERTY IN CHARGE OF THE DEPUTY SUPERINTENDENT OF PAVING DIVISION.

SOUTH BOSTON.

Columbia road, corner H street, stable, carriage house, shed, tool house and office built by the city on land, containing 12,017 square feet, rented from William H. Hart.

Columbia road, corner Hamlin street, lot of land used for storage purposes, containing 6,710 square feet, rented from Charles P. Mooney, agent.

EAST BOSTON.

Chelsea street, No. 494, wharf property, containing 61,000 square feet, purchased in 1897 from Francis S. Lally. This property is at present not in use.

East Eagle street, corner Glendon street, sheds, stable and office building erected by the city on wharf property containing 326,700 square feet, leased in 1900 from Blodgett & Whidden for a term of ten years. This property is used jointly with the Sewer, Sanitary and Street Cleaning Divisions.

CHARLESTOWN.

Medford street, foot of Elm street, wharf property, containing 35,000 square feet, owned by the city. Upon this lot are shed, stable and office buildings.

BRIGHTON.

Union street, opposite Shepard street, lot of land, containing 37,000 square feet, owned by the city. This lot is at present not in use.

Chestnut Hill avenue, ledge lot, containing 601,563 square feet, purchased in 1882 by the city. Upon this lot are stone crusher, stable, shed and office buildings.

WEST ROXBURY.

Child street, lot of land, containing 43,024 square feet, owned by the city. Upon this lot are sheds, stable and office buildings.

Mt. Vernon street, near Pleasant street, lot of land containing 16,275 square feet, belonging to the Schoolhouse Commission and used by this division for storage purposes.

Morton street, near Canterbury street, lot of land containing 14,250 square feet, owned by the city and used for storage purposes.

Rosemary street, lot of land used for storage purposes, containing 3,780 square feet, rented from Edward Cook.

Centre street, near Allandale street, ledge lot, leased from Thomas Minton. On this lot are stone crusher, sheds and scales owned by city.

DORCHESTER.

Hancock street, opposite Bowdoin street, lot of land known as the almshouse lot, containing 104,132 square feet, belonged to the town of Dorchester at the time of annexation. Upon this land are two stables, a shed and a tool-house.

Downer avenue, lot of land, containing 35,300 square feet, was purchased in 1871 to protect the almshouse lot.

Codman street, ledge lot, containing 299,000 square feet, was purchased in 1870. Upon this lot is a shed containing a steam engine and stone crusher, also a stable and tool-house.

Brush Hill road, Milton, lot of land, containing 64,523 square feet, leased May 13, 1843, by the town of Dorchester for a term of 999 years. Lot of land adjoining above, containing 30,000 square feet, owned by the City of Boston. These lots are not now in use.

Magnolia street, near Bird street, lot of land, containing 81,068 square feet, was purchased by the town of Dorchester in 1867. This lot is not now in use.

Rosseter street, ledge lot, leased from W. J. Emerson. On this lot are buildings containing stone crusher, sheds and scales owned by the city.

ROXBURY.

Highland street, lot of land, containing 81,082 square feet, owned by the city. Upon this lot is a large brick stable erected in 1873–74, and used by the sanitary and paving divisions; also a brick building used as a blacksmith shop and a shed for storage purposes.

Washington street, corner Dimock street, ledge lot, containing 134,671 square feet, owned by the city. Upon this lot are buildings containing steam engine, stone crusher and scales.

Kenney street, ledge lot, leased from James W. Kenney. On this lot are buildings containing engines, stone crusher, tools, scales, etc., owned by the city.

Heath street, ledge lot, leased from Frederick Bleiler. On this lot are buildings containing engines, stone crushers, tools, scales, etc., owned by the city.

SOUTH END.

Albany street, opposite Sharon street, wharf lot, containing 89,224 square feet. Upon this lot are stables, office and blacksmith shop, carpenter shop. Wharf lot adjoining above, containing 39,511 square feet, used for storage purposes. Both these wharves are owned by the city.

Massachusetts avenue, near Magazine street, lot of land, containing 317,322 square feet, rented from the City Land Company and used for storage purposes.

Columbia road, near Stanwood street, ledge lot, leased from Samuel G. King *et als*. Upon this lot are buildings containing engines, stone-crushers, scales, etc., owned by the city.

BACK BAY.

Hereford street, near Boylston street, lot of land, containing 28,020 square feet owned by the city. Upon this land are a stable, shed and office building.

NORTH END.

Commercial street, No. 521, wharf lot, containing 22,555 square feet, owned by the city. Upon this lot are a stable, shed and office building.

Atlantic avenue, opposite Oliver street, wharf lot, containing 21,054 square feet, placed in charge of the Paving Division, May 18, 1874. This property is now used by the Sanitary Division.

Atlantic avenue, opposite Oliver street, wharf property, containing 36,460 square feet, leased from J. H. Hecht, on February 19, 1898, for ten years. This lease is held by the Sanitary Division, to which the Paving Division pays for storage purposes the sum of $5,200 per year.

Revere street, wharf lot, containing 20,013 square feet, leased from J. J. Costello, on July 20, 1899, for a term of ten years, for storage purposes. Portion of this lot is used by the Sewer Division.

APPENDIX D.

REPORT OF THE DEPUTY SUPERINTENDENT OF THE SANITARY DIVISION.

ROOMS 917-920 TREMONT BUILDING,
BOSTON, MASS., February 1, 1906.

MR. CHARLES LOGUE,
Acting Superintendent of Streets:

DEAR SIR, — I respectfully submit the annual report of the expenditures, income, and operation of the Sanitary Division of the Street Department for the financial year ending January 31, 1906.

This division has charge of the removal of house offal, waste and rubbish, house dirt, and ashes accumulated from burning of material for heating buildings and domestic purposes, and also has charge of the construction and repairs of carriages, carts, wagons, harnesses, etc., of the Street Department and other departments, and the painting of street signs for the Paving Division.

The abnormal increase in cost of collection of material, owing to the difficulty in obtaining suitable dumping places and the dumping places being so remote from the place of collection, presents a serious problem. I recommend the purchase of carts having twice the capacity of those in use at the present time, as this would lessen the time consumed by the long hauls.

I further recommend that additional dumping boats be provided at the South yard on Albany street, and at the Charles River-avenue bridge. This additional equipment will materially aid in the solution of the dumping problem as far as Charlestown, North and West Ends and South End are concerned.

On account of the poor condition of, and the excessive expense incurred in, repairing one of the dumping boats, which has been in the service for over twenty years, I recommend the purchase of a new boat.

The stables at Albany street and at North Grove street are in such poor condition that they require extensive repairing. It is also necessary that they be enlarged to properly accommodate the horses, as many of them, at present, are kept in sheds.

Respectfully submitted,

DANIEL P. SULLIVAN,
Acting Deputy Superintendent.

FINANCIAL STATEMENT.

Amount of appropriation	$670,000 00
Transferred from reserve fund	7,000 00
Transferred from surplus revenue	26,382 08
Total amount of appropriation	$703,382 08
Total expenditures of the Sanitary Division, including work done for other divisions and departments, and paid by them	$756,762 26
Less amounts paid by other divisions and departments	53,380 18
Net cost of maintenance, Sanitary Division	$703,382 08

TOTAL COST OF REMOVAL OF HOUSE DIRT, ASHES, WASTE, RUBBISH AND HOUSE OFFAL.

Salaries: Deputy Superintendent, clerks and foremen		$18,508 78
Office supplies and expenses		3,798 86
Ashes, waste and rubbish account		420,607 90
House offal account		217,634 88

CONSTRUCTION, REPAIR AND HORSESHOEING ACCOUNT.

Foremen		1,396 20
Expended for labor	$32,971 36	
Expended for stock	16,613 31	
		49,584 67
Allowed time for holidays	$42,095 22	
Medical attendance and allowed time for injured men	3,135 75	
		45,230 97
Total expenditures of the Sanitary Division for the year ending January 31, 1906		$756,762 26

Brought forward		$756,762 26
REVENUE RECEIVED FROM OUTSIDE DIVISIONS AND DEPARTMENTS FOR BOARD AND CARE OF HORSES, RENT, USE OF DUMPING BOATS, SHOEING AND FOR REPAIRING VEHICLES, ETC.		
Bridge Division	$702 07	
County of Suffolk . . .	1,807 74	
Lamp Department . . .	432 80	
Paving Division	14,925 10	
Sewer Division	9,172 28	
Street Cleaning Division . .	25,014 95	
Street Watering Division . .	995 94	
Ferry Division	329 30	
		53,380 18
		$703,382 08

INCOME.

Amount of money deposited and bills presented to the City Collector for material sold and work performed by the Sanitary Division of the Street Department during the year ending January 31, 1906.

MONEY DEPOSITED.

From letting of scow privileges	$2,665 57
For sale of manure	50 00

BILLS DEPOSITED.

For removal of engine ashes, manure and waste .	13,409 53
	$16,125 10

Items of Expenditures and Revenue for the Year 1905.

ITEMS.	Total amount Expended.	Amount paid by other Divisions.	Amount Charged to Sanitary Division.
Salaries of deputy and clerks	$9,190 60	.....	$9,190 60
Salaries of foremen	10,714 38	.....	10,714 38
Labor, collection and disposition of house dirt and ashes	204,258 76	$29,163 92	175,094 84
Labor, collection and disposition of waste and rubbish	39,129 58	5,097 29	34,032 29
Labor, collection and disposition of house offal	144,442 46	12,294 90	132,147 56
Labor and stock in stables and yards	49,400 34	4,130 12	45,270 22
Hired teams on ashes, waste and rubbish and offal	49,357 50	.....	49,357 50
Contracts on ashes, West Roxbury, North and South Dorchester	17,002 19	.....	17,002 19
Contracts on offal, East Boston, Brighton, West Roxbury and Dorchester	17,079 98	.....	17,079 98
Ash and offal stock	476 00	.....	476 00
Allowed time and holidays	42,095 22	886 21	41,209 01
Grain	23,042 24	510 20	22,532 04
Hay and straw	21,675 92	1,297 54	20,378 38
Medical attendance and allowed time on account of injured men,	3,135 75	.....	3,135 75
Horses	16,997 50	.....	16,997 50
Veterinary services and medicine,	6,967 06	.....	6,967 06
Hired horses	5,838 50	.....	5,838 50
Outside care and board of horses,	5,039 10	.....	5,039 10
Outside horseshoeing, blacksmith, wheelwright, harness and painting	5,776 44	.....	5,776 44
Labor, stock, etc., wheelwright, blacksmith, paint, harness and horseshoeing shops	49,584 67	.....	49,584 67
Dumping boats, stock, etc.	21 74	.....	21 74
Repairs on stables, sheds and wharves	7,195 71	.....	7,195 71
Fuel	1,293 95	.....	1,293 95
Gas	982 15	.....	982 15
Electric light and power	1,416 19	.....	1,416 19
Printing, stationery, office items and incidentals	2,471 26	.....	2,471 26
Advertising	293 34	.....	293 34
Rents	15,136 38	.....	15,136 38
Tolls and fares	1,327 60	.....	1,327 60
Telephones	922 90	.....	922 90
Damages caused by city teams	216 85	.....	216 85
Taxes on Hecht's estate, as per lease	4,280 00	.....	4,280 00
Totals	$756,762 26	$53,380 18	$703,382 08

Force Employed on House Dirt and Ashes.

City Force.	Number.	Hired Teams.	Contractors' Teams.			
			North Dorchester.	South Dorchester.	West Roxbury.	Totals.
Inspectors	21	.....	.....	.....	.....	21
Sub-foremen	12	.....	.....	.....	.....	12
Teamsters	126	38	7	5	3	179
Helpers	129	38	7	5	3	182
Tallymen	13	.....	.....	.....	.....	13
Dumpers	42	.....	.....	.....	.....	42
Totals	343	76	14	10	6	449

Amount of House Dirt and Ashes Removed.

Years.		Number of Loads of 54 Cubic Feet.
1900	House dirt and ashes	344,682
1901	" " " "	342,940
1902	" " " "	313,844
1903	" " " "	310,509
1904	" " " "	325,955
1905	" " " "	331,545

Force Employed on Waste and Rubbish.

	Number.
Inspectors	5
Teamsters	14
Helpers	27
Dumpers	1
Totals	47

Amount of Waste and Rubbish Removed.

Years.	Number of Loads.	
	Paper Cart.	Market Wagon.
1900	11,452	5,494
1901	11,534	7,791
1902	10,201	8,297
1903	8,417	8,753
1904	7,064	9,170
1905	6,569	10,540

Force Employed on House Offal.

City Force.	Number.	Hired Teams.	Contractors' Teams.				
			East Boston.	Brighton.	Dorchester.	West Roxbury.	Totals.
Inspectors	8	.....	.....	.....	.....	.....	8
Sub-foremen	4	.....	.....	.....	.....	.....	4
Teamsters	69	2	6	4	5	2	88
Helpers	69	2	10	5	8	3	97
Dumpers	3	.....	.....	.....	.....	.....	3
Totals	153	4	16	9	13	5	200

Amount of House Offal Removed.

Years.	Number of Loads.
1900	62,975
1901	66,758
1002	66,287
1903	64,744
1904	64,084
1905	64,803

Number of Loads of Material Collected from January 31, 1899, to February 1, 1906.

YEARS.	Waste and Rubbish.	Ashes.	Offal.	Total Loads.
1900	18,460	344,682	62,975	426,117
1901	19,325	342,940	66,758	429,023
1902	18,498	313,844	66,287	398,629
1903	17,170	310,509	64,744	392,423
1904	16,234	325,955	64,084	406,273
1905	17,109	331,545	64,803	413,457

Material Collected by Districts.

	South Boston.	East Boston.	Charlestown.	Brighton.	West Roxbury.	Dorchester.	Roxbury.	South End and Back Bay.	North and West Ends.	Totals.
House dirt and ashes.	19,991	21,846	20,494	15,038	23,220	31,246	48,816	79,357	71,537	331,545
Waste and rubbish...	372	.....	183	.....	.....	.....	554	8,866	7,134	17,109
House offal.....	4,039	6,414	2,624	2,077	4,066	6,259	8,597	20,217	10,510	64,803
Totals.....	24,402	28,260	23,301	17,115	27,286	37,505	57,967	108,440	89,181	413,457

Number of Carts and Wagons Collecting House Dirt and Ashes, Waste, Rubbish and Offal.

	Iron.	Wooden.	Total.
Offal wagons in use by the Sanitary Division.....	47	42	69
" " " " Thomas Mulligan, East Boston....	.....	6	6
" " " " John Newbury, Brighton.....	.....	6	6
" " " " M. Crowne & Co., Dorchester. ...	.....	12	12
" " " " John Krug, West Roxbury.....	.....	3	3
Totals.....	47	69	116
Ash carts in use by the Sanitary Division.....	.....	196	196
" " " " John J. Moore, West Roxbury.....	.....	3	3
" " " " John D. Lyons, Dorchester.....	.....	5	5
" " " " Denis D. Flynn, Dorchester.....	.....	6	6
Total offal and ash carts.....	47	279	326
Market wagons in use by the Sanitary Division.....	.....	23	
Paper carts in use by the Sanitary Division.....	.....	30	
			53
Ash and offal sleds in use by the Sanitary Division.....	.....	.....	144
Totals.....	.....	.....	523

Collected by West Roxbury Contractor	8,560	loads of ashes.
" " North Dorchester "	17,666	" "
" " South " "	13,480	" "
Total	39,706	" "

Collected by East Boston Contractor	6,414	loads of offal.
" " Brighton "	2,077	" "
" " West Roxbury "	1,428	" "
" " Dorchester "	6,259	" "
Total	16,178	" "

Final Disposition of all Material by the Sanitary Department Collected from January 31, 1905, to February 1, 1906.

MATERIAL.	Deposited on Low Lands.	Towed to Sea.	Plant of New England Sanitary Product Company.	Collected by Contractors.	Plant of City Refuse Utilization Company.	Total Number of Loads of Material disposed of.
House dirt and ashes	243,578	87,967	.....	.....	.....	331,545
Waste and rubbish	1,101	.....	.....	.....	16,008	17,109
House offal	.....	.....	50,053	14,750.	.....	64,803
Cesspool dirt	.....	7,374	.....	.....	.....	7,374
Street sweepings	.....	41,741	.....	.....	.....	41,741
Totals	244,679	137,082	50,053	14,750	16,008	462,572

Amount Expended for the Collection and Disposition of House Dirt, Ashes, Waste and Rubbish and House Offal by Districts, Including Labor, Stock, Etc.

DISTRICTS.	Waste and Rubbish.	Ashes.	Offal.	Totals.
1. South Boston	$455 00	$28,381 26	$14,524 38	$43,360 64
2. East Boston	.....	23,629 50	9,938 65	33,568 15
3. Charlestown	139 00	28,408 94	11,373 51	39,921 45
4. Brighton	.....	12,949 84	3,476 75	16,426 59
5. West Roxbury	.....	16,380 38	8,809 17	25,189 55
6. Dorchester	.....	17,089 80	7,786 03	24,875 83
7. Roxbury	1,770 00	78,470 03	32,673 68	112,913 71
8-9. South End and Back Bay	14,433 50	105,362 02	46,685 18	166,480 70
10. North and West Ends	9,382 50	72,792 45	26,512 46	108,687 41
11. Dumping boats	22,827 84	21,026 93	55,388 10	99,242 87
Totals	$49,007 84	$404,491 15	$217,167 91	$670,666 90

Amount expended for maintenance of the repair and construction shops	$55,955 43
Income from outside divisions and departments .	21,079 71
Net cost to Sanitary Division	$34,875 72

Amount expended for new horses	$16,997 50
Amount received from other divisions for new horses	2,880 58
Net cost for new horses by the Sanitary Division	$14,116 92

MAINTENANCE OF FORT HILL WHARF AND DUMPING BOATS.

Amount Expended.

For towing by department tow-boat	$6,348 58	
For towing by hired tow-boats .	625 00	
		$6,973 58
For repairs on wharves and boats,		3,870 49
For rents	$13,499 98	
For dumping boat stock and supplies	217 09	
For labor, messengers, crew and dumpers	11,728 15	
For holidays and allowed time, injured men	773 58	
		26,218 80
		$37,062 87

Number of trips to sea by department tow-boats . .	371
Number of trips to sea by hired boats	15
	386

Number of scows to sea, 387.

Contracts.

Object.	Contractors.	Price per Month.	Contracts.	
			Commence.	End.
Removal of house dirt and ashes:				
Part of West Roxbury	John J. Moore	$225 00	April 10, 1903	April 10, 1905
Part of West Roxbury	John J. Moore	308 33	April 10, 1905	April 10, 1907
North Dorchester	John D. Lyons	715 00	April 4, 1904	April 4, 1906
South Dorchester	Denis D. Flynn	416 66	March 12, 1904	March 12, 1906
Removal of house offal:				
East Boston	Thomas Mulligan	700 00	Feb. 23, 1904	Feb. 23, 1906
Brighton	John Newbury	216 66	May 10, 1904	May 10, 1906
Part of West Roxbury	John Krug	116 66	April 1, 1903	April 1, 1905
Part of West Roxbury	John Krug	150 00	April 1, 1905	April 1, 1907
Dorchester	M. Crowne & Co	365 00	June 17, 1904	June 17, 1906
Lease of wharf, Atlantic avenue	Middlesex Trust	958 33⅓	March 1, 1903	March 1, 1908
Lease of wharf, Atlantic avenue	Heirs of Henry C. Snow	333 33	July 1, 1900	July 1, 1905
Disposal of house offal	New England Sanitary Product Company	4,366 66⅔	Nov. 7, 1901	Jan. 1, 1912
Disposal of waste and rubbish	City Refuse Utilization Company	458 33⅓	Dec. 1, 1898	Dec. 1, 1908
Removal of dead animals	N. Ward Company	No charge.	Nov. 9, 1901	Jan. 1, 1912

For work done and material furnished for outside divisions and departments, the different shops received as follows:

Wheelwright	$4,361 64	
Blacksmith shop, South End	6,858 59	
Blacksmith shop, West End	689 57	
Paint shop	4,041 76	
Harness shop	1,852 16	
Horseshoeing shop, South End	1,462 25	
Horseshoeing shop, West End	1,813 74	
		$21,079 71

For work done and material furnished for the Sanitary Division, the following amounts were expended by the different shops:

Wheelwright	$7,079 70	
Blacksmith shop, South End	5,271 74	
Blacksmith shop, West End	1,002 62	
Paint shop	5,908 86	
Harness shop	6,359 28	
Horseshoeing shop, South End	2,845 67	
Horseshoeing shop, West End	37 09	
		28,504 96
Total amount paid out, stock and labor, all divisions and departments		$49,584 67
Foremen in charge	$1,369 20	
Allowed time	3,990 63	
Expended for electric power, printing and incidentals	983 93	
		6,370 76
Total		$55,955 43

Cost of Horseshoeing.

	Division Shops.	Outside Shops.
Stock	$2,130 45	$4,591 90
Labor	4,028 30	
	$6,158 75	$4,591 90

Material Sold by Contract.

OBJECT.	Contractors.	Price per Year.	Bills Submitted to City Collector.	Money Deposited with City Collector.
Manure at South and South Boston Yards....	J. N. Smith (to March 27).....	$1 00 a horse,	$18 75	.....
Manure at South Yard.....	Peter McConnerty (from March 27)..	50 00 per yr..	.....	$50 00
Manure at Charlestown and West End Yards.	George P. Winn.....	1 00 a horse,	117 08	.....
			$135 83	$50 00

Horseshoeing for Divisions.

KIND AND STYLE.	Sanitary Division.	Street Cleaning Division.	Sewer Division.	Paving Division.	Street Watering Division.	Central Office.	County of Suffolk.	Lamp Department.	Totals.
New shoes	6,776	2,794	925	265	18	152	123	58	11,111
Bar shoes	155	56	59	.....	.....	4	18	1	293
Leathers	3,325	1,571	419	78	8	12	66	22	5,501
Resets	892	540	156	49	.....	16	53	9	1,715
Pads	159	26	38	68	.....	95	11	.....	397
Springs	12	2	2	.....	2	2	.....	.....	20

Average cost per shoe, 38 cents.

DETAIL ACCOUNT OF AMOUNT PAID FOR WORK DONE BY THE SANITARY DIVISION FOR OTHER DIVISIONS OF THE STREET DEPARTMENT AND OTHER DEPARTMENTS.

For repair and construction work	$17,803 72
For horse-shoeing	3,275 99
For use of dumping boats	14,136 52
For hay, grain, straw, board and care of horses	5,819 70
For feeders, watchmen and stablemen	1,866 12
For fuel, light and telephone	677 68
For board and care of sick horses at Veterinary Hospital	740 00
For rent for use of Litchfield's wharf	5,200 00
For new horses	2,880 58
For miscellaneous items	979 87
	$53,380 18

LAND AND BUILDINGS IN CHARGE OF THE SANITARY DIVISION.

South Boston Stable. (Leased.)

Wooden two-story stables and sheds, with accommodations for twenty-one horses, located at 317–319 West First street, South Boston. Leased from the T. P. Frost estate.

East Boston Stable. (Leased.)

The Sanitary Division hires stable accommodation for fifteen horses of the Paving Division. The stable is located at No. 324 East Eagle street, East Boston.

Charlestown Stable.

Wooden two-story stable with accommodations for twenty-five horses located on Rutherford avenue; lot contains 17,300 square feet of land; stable was built in 1875, costing $5,083.07; sheds and outbuildings were built in 1879.

Brighton.

Accommodations are provided by the Sewer Division at its stable on Western avenue for two horses of the Sanitary Division.

Highland Stable.

Brick stable built in 1875, at a cost of $88,594.13, on the old almshouse lot, Highland street, with accommodations for seventy-two horses. The lot contains 81,082 square feet of land. A part of this stable and adjoining lot is used by the Paving Division. There is an offal shed on this lot, erected in 1875, at a cost of $1,160.12. It was abandoned on April 1, 1897, and in 1900 part of it was remodelled, and is now used as a carriage house and wash-room.

South City Stables, Shops and Sheds.

Situated on Albany street, opposite Newton street. The lot belonged to the city before being used for this purpose, and contains 90,780 square feet of land. The stables and buildings connected therewith are of brick. There are also on the premises five wooden sheds used for storing wagons, etc. The stable is two stories high, with French roof, and has accommodations for one hundred and two horses. Total cost, exclusive of land, $79,089.23. There is a wooden stable on the lot with accommodations for twenty-three horses. In 1899 a veterinary hospital was built and equipped for the purpose of caring for sick and disabled horses.

Connected with stables are blacksmith, wheelwright, paint and harness-maker's shops, in which wagons, carts, harnesses, etc., used by this and other departments, are constructed and kept in repair, also a horseshoeing shop for shoeing the horses of the department located in this section of the city.

West Stables and Sheds.

The stable is of brick, a story and a half high, 128 feet by 50 feet, located on North Grove street; built in 1860 without buildings attached to the same. It has accommodations

for forty-five horses. The lot contains about 45,152 square feet of land. There are three one-story wooden stables with accommodations for twenty horses, and a horseshoeing shop established May 11, 1896.

Fort Hill Wharf.

Containing 21,054 square feet, used as a dumping station for the city's garbage and refuse, and as a mooring place for dumping boats and scows which convey this material to sea and to the plant of the New England Sanitary Product Company. Cost of construction platform and dredging dock, $6,219.33. There are three Barney dumping boats which are in continual use, and are towed to sea by the department tugboat "Cormorant." A portion of the wharf is used by the Street Cleaning Division as a locker for patrol push-carts, etc., and a part is used by the Paving Division.

Litchfield's Wharf. (*Leased.*)

Situated at No. 466 to No. 470 Atlantic avenue, containing about 35,460 square feet. Leased from Jacob H. Hecht, March 1, 1898, for a period of ten years. The property is now owned by the Middlesex Trust. This wharf adjoins Fort Hill Wharf and is occupied in part by the City Refuse Utilization Company for the disposal of waste and rubbish. Also by the New England Sanitary Product Company as a berth for their scows.

Packard's Wharf. (*Leased.*)

The use of this property by the Sanitary Division has been discontinued.

Weighing Shed. (*Hired.*)

Situated at the corner of Massachusetts avenue and Southampton street. Rented from the Boston Consolidated Gas Company. Lot contains about 2,300 square feet of land.

APPENDIX E.

REPORT OF THE DEPUTY SUPERINTENDENT OF THE SEWER DIVISION.

30 TREMONT STREET, BOSTON, MASS., February 1, 1906.

MR. CHARLES LOGUE,

Acting Superintendent of Streets:

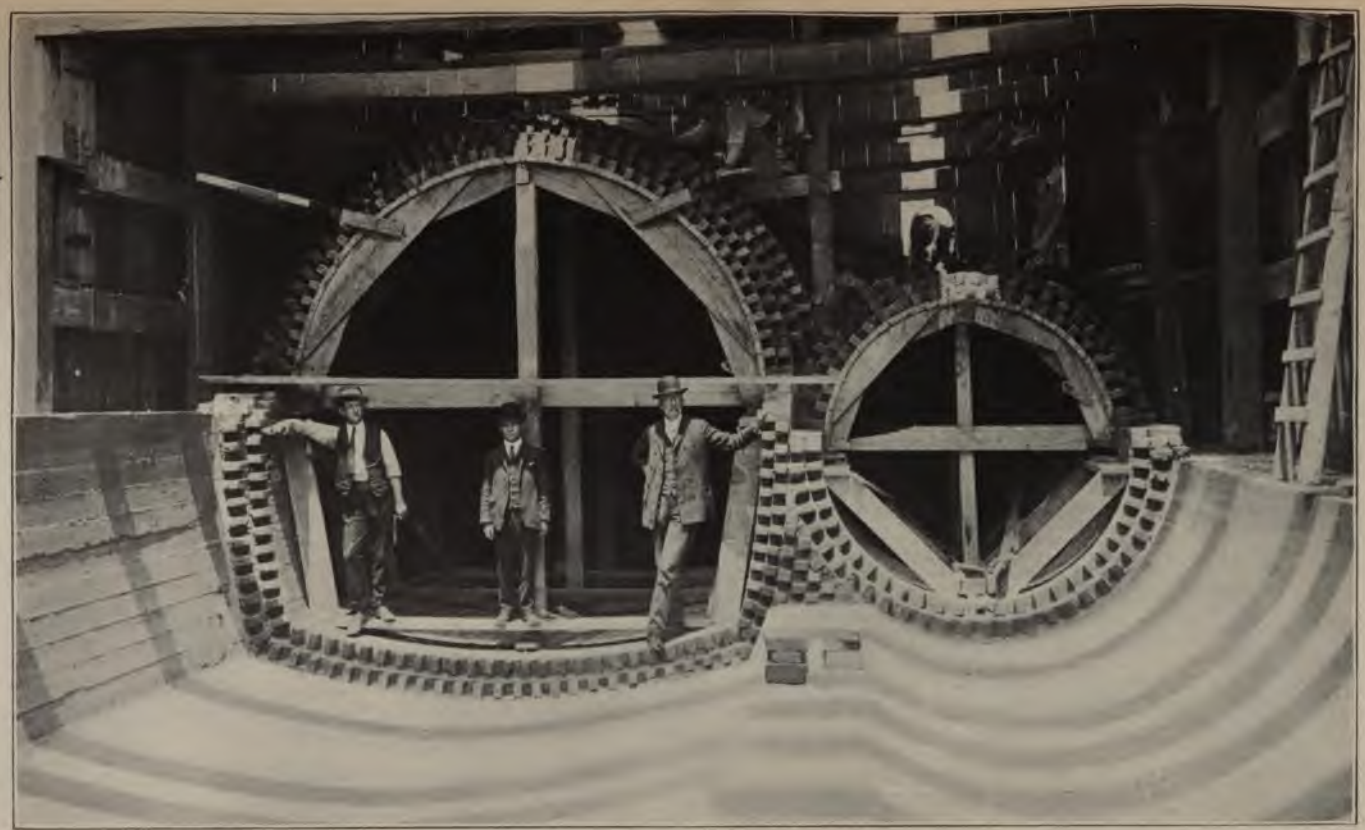
DEAR SIR, — The former Deputy Superintendent of the Sewer Division having resigned and no successor having as yet been appointed, it devolves upon me, as the Acting Deputy Superintendent, to make the annual report. In compliance, therefore, with the revised ordinances, the annual report of the operation and expenses of the Sewer Division of the Street Department for the year 1905 is herewith respectfully submitted, together with the reports of the Assistant Engineers.

Appended to this report are the detailed schedules of sewer construction for the year 1905, and also for the years 1900 to 1904, inclusive, omitted from former reports. The publication now makes the list of schedules complete.

The large and important works required to obviate the deficiencies of the Boston sewer system are as follows:

First.— The extension of the Stony Brook conduit and the West Roxbury low level sewer southward from Jamaica Plain.

This conduit is the main channel for the surface water of the Stony Brook valley. The sewer systems of the valley are still mainly upon the combined principle, carrying sewage and storm water in the same channel. The storm water is, therefore, conveyed to the brook through sewers and discharged into it through overflows; consequently sewage is mingled with the brook water during every rain. This must of necessity continue till every sewer system in the valley is converted from the combined to the separate system. A portion of the valley is in the high level or the South Metropolitan district and a portion in the low level or main drainage district. The separation of the sewer systems



FENWAY.—FOUL FLOW CHANNELS, SECTION I.

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of the high level portion is mandatory upon the city under chapter 383 of the Acts of 1903, and funds for this work are provided for by this Act; but no such provision is made for the separation of the systems of the low level portion. The only money available for this, as well as for the building of the main conduit itself, is the General Sewerage Loan, provided by chapter 426 of the Acts of 1897. (Amended, Chap. 450 of 1899.)

The separation of the systems of the low level district is now necessitated by the creation of the Charles River basin. The brook, as well as its principal tributaries, must be improved to the Hyde Park line either by building covered conduits or deepened open channels in order to fit them to receive the surface water drains which must be built in each street in the valley. The covered conduit substantially as recommended by the commission of 1886 must certainly be carried to a point a little south of Forest Hills. Beyond this to the Hyde Park line further study may show that a deep open channel, bordered by a strip of land treated as a park, may be constructed at less expense than the heavy masonry conduits planned by the commission of 1886, if the Park Department will co-operate. An attractive water park would be thus created, with no danger of sewage pollution ensuing such as beset the Fenway, because all the surrounding sewer systems, as well as those of Hyde Park, must be later constructed on, or changed to, the separate system. When these improvements to the main channel and tributaries are carried out and the surface drains constructed in each street the Commissioners' channel will be free from sewage pollution.

The cost of the construction of the main conduit and accompanying low level sewer to the brook crossing south of Forest Hills, where such an open channel may be substituted, may be estimated at $1,150,000. The low level sewer is carried with the conduit, and is designed to afford house sewerage to certain streets and areas which are too low to be drained by the Stony Brook valley sewer, as well as to supplement the capacity of the latter. Its estimated cost is included in that of the conduit. The above estimate, as well as those which follow, are all exclusive of land damages.

Second. — The rebuilding of the old channel of Stony Brook.

The condition of this channel and the recommendation for its rebuilding have been discussed in annual reports for many years. It is not necessary to rehearse these, but it will suffice to say that it is in a dangerous condition, structurally consid-

ered, and in the worst possible condition from a sanitary point of view. It is the main channel for surface water for the lower square mile of Stony Brook valley, and must be rebuilt for the purpose of cutting off local sewage pollution and for the purpose of affording a clean main channel for surface water of the tributary surface-water drains which must be constructed throughout this territory.

The sewer systems of this portion of Roxbury are all upon the combined principle, and must all be converted to the separate system in consequence of the building of the Charles River dam and the conversion of the Charles river into a fresh water lake. This impending change in the condition of the Charles River basin has necessitated the change from the combined to the separate system throughout the Stony Brook valley, as well as in the Back Bay. The estimated cost of rebuilding the old channel is $400,000.

Third. — The rebuilding of the Maywood's Brook sewer system in Roxbury.

This subject has been treated in detail by Assistant Engineer Bowes in his report on South Roxbury. It consists essentially of the rebuilding upon the separate principle of the main sewer — now a combined sewer — from the junction of Hampshire and Whittier streets through Ruggles street, Shawmut avenue, Washington street, Circuit street, Ray street, Regent street, Dale street, Laurel street, Ottawa and Sherman streets. The sewers of all these streets, particularly the last named and adjacent streets, are all too small, and the abutters have suffered from repeated floodings for many years in the past. This work should be carried on continuously until completed. The estimated cost of the main line is $308,000 to complete.

Fourth. — The rebuilding of the Dorchester Brook sewer system.

This subject has also been treated in detail by Mr. Bowes in his report on North Dorchester. The work is very similar to that described in the foregoing paragraph, namely, the replacing of the overcharged inadequate combined sewer by main sewers upon the separate system. The construction which has been started in Rockford street should be carried on continuously at least as far as Lawrence avenue. The estimated cost of this improvement is $168,500.

Fifth. — The building of the auxiliary east side intercepting sewer.

This subject has been discussed in former reports. The necessity for it arises from the overcharging of the east side intercepter, with consequent overflows into the docks and the

FENWAY.—GENERAL VIEW OF SECTION 7, FROM HUNTINGTON AVENUE.

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backing up of. sewage in the Canal-street relief sewer and tributary sewer systems in a large portion of the business section of the city.

Upon consulting the City Engineer, Mr. Jackson, a difference in opinion developed between the Engineering Department and this division, Mr. Jackson claiming that the proper course to pursue was to rebuild all the leaky sewers in the city proper district, and that if this were done there might not be a necessity for building this auxiliary intercepting sewer. I do not agree with the gentleman, but admit that further studies may be profitably prosecuted, and such studies will be made by this division. As there are about seven and one-half miles of old wooden sewers that ought to be rebuilt in the city proper, some idea may be derived of the expense and the length of time required for the alternative scheme proposed by Mr. Jackson. The estimated cost of building the auxiliary intercepter is $230,000.

Sixth. — The completion of the intercepting system in East Boston.

A considerable portion of the water front of East Boston, namely, on the north and east of the island, the shores of Breed's Island and the East Boston shore of Chelsea creek, still remains unprovided with intercepting sewers, the common sewers discharging into the harbor and upon the flats. Nuisances have resulted, and these intercepting sewers should be built. This involves finishing section 4 of the East Boston low level sewer in Boardman and Saratoga streets, to Bennington street, building section 7 from Butler avenue to Bennington street at Leverett street, and a sewer encircling the northeasterly shore of the island from the above-mentioned sewer to the Moore-street outlet, and also a sewer running from Eagle square along the shore of Chelsea creek to Putnam street. The estimated cost of these intercepting sewers is $131,000.

Seventh. — The completion of the conversion of the combined to the separate system of sewers in the high level or South Metropolitan district.

During the year just passed 108,240 linear feet, or 20.50 miles, of sewers and surface drains have been constructed in the work of changing to the separate system. In certain districts the work is well advanced.

In the Lauriat avenue district, bounded roughly on the north by Franklin Field, on the east by Milton avenue, on the south by Morton, Norfolk and Walk Hill streets, and on the west by Blue Hill avenue, and containing about 500 acres, the work is 90 per cent. done.

In the Talbot avenue district, bounded roughly by Talbot avenue on the south, Blue Hill avenue on the west, Washington street on the north and Park and Bernard streets on the east, and containing 316 acres, the work is 62 per cent. done.

In the Ruthven street district, bounded by Cobden street, Walnut avenue, Ruthven street, Elm Hill avenue and Seaver street, and containing 76.9 acres, the work is 77 per cent. done.

In the Smith street district, bounded by Tremont, Parker and Ward streets and Huntington avenue, and containing 50 acres, the work is 77 per cent. done.

In the Hemenway street district, bounded by Hemenway, St. Stephen and Boylston streets and Massachusetts avenue, and containing 40 acres, the work is 72 per cent. done.

In an area of 60 acres in Brighton, bounded by the Boston & Albany Railroad, Brooks, Faneuil and Bigelow streets, the work of separation is entirely done.

In total since 1903, 283,694 linear feet, or 53.73 miles, of sewers and surface drains have been built.

There remain about five and one-half million dollars worth of work to be done in the high level district in affecting the change to the separate system.

Eighth. — The conversion of the combined to the separate system in so much of the low level, or main drainage, territory as is tributary to the Charles River basin.

The fact that the Charles River basin is to be converted into a fresh water pond by the building of a full-tide dam to replace the Leverett-street bridge makes it necessary to consider the condition of the sewer system of the territory which is tributary to the Charles river. Part of this territory is included in that of the Metropolitan high level sewer, or the South Metropolitan district, and throughout this district the conversion of combined systems to separate systems has been recognized as a necessity and funds therefor provided by law. But there is a large territory remaining in the Stony Brook valley and in the Back Bay and the slope of Beacon Hill which will remain tributary to the Boston main drainage system, with overflows (provided the system remains a combined one) discharging storm water mingled with sewage into the Charles River basin.

Of this kind of territory there are 1,525 acres in the Stony Brook valley, in the Back Bay and on Beacon Hill.

The quality of sewage pollution carried into the Charles river by these overflows is particularly bad in the Back Bay region and nearly as bad in the lower square mile of Stony

FENWAY.—SECTION 7.—SHOWING BRACING.

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brook, which is tributary to the old channel of Stony brook. This is due to the fact that main sewers are laid at a very flat gradient and consequently accumulate sewage sludge throughout the dry period between rains.

The main sewers of the Back Bay are practically septic tanks. When there has been a long period of dry weather — as often happens in the summer — the accumulation of decomposing sewage is large. When the next rain comes, particularly if it be a violent thunder shower, great masses of this are swept out of the outlets at once, and the overflowing material at that time is many times worse than normal sewage.

The problem of handling this sewage overflow from the Back Bay region and the Stony Brook channels is the principal one raised by the project of building the Charles River dam. At the time of the inception of this scheme, no plan seems to have been seriously considered except that of conveying this material by means of the marginal intercepting conduit to the harbor below the dam, and Mr. Freeman in his report does not seem to have anticipated any evil result from so doing, or at least has laid but little stress upon it; but as the project became developed this aspect of the problem assumed greater importance. The harbor below the dam will be practically a currentless channel, obstructed by thousands of piles supporting the railroad bridges, and to store this great mass of pollution in at a point just below the dam is likely to produce a great nuisance.

The engineers of the Charles River basin are, therefore, confronted by this problem: Whether to dispose of this foul material below the dam or into the basin.

During the year 1903 this department brought up this question before the Charles River Basin Commission, taking the ground that neither of these methods of disposal was satisfactory nor even allowable, and a number of meetings with the commission ensued, at which the matter was discussed. The department claimed that the only rational solution of the problem was to convert the combined systems of sewers into separate systems, whereby the sewage proper from the residence would be taken directly through separate channels to the main drainage system and thence to the outfall at Moon Island, leaving nothing but surface water and street wash to be carried by the old sewer systems (which would then be converted to the surface water portion of the separate system) to the river. There would be then no intermingling of sewage and surface water, and, therefore, no sewage carried over into the basin.

A bill to effect this and to provide a sum of $500,000 annually for this purpose was introduced into the Legislature, carried up to the governor, and vetoed by him, with the consent of Mayor Collins, as has been related in the annual reports of 1903 and 1904.

The net result of the whole discussion seems to have been a reduction by the commission in the size of the proposed marginal conduit from the 16 feet by 16 feet and 12 feet by 12 feet sizes discussed by Freeman, to a conduit of 7 feet in diameter. The basis upon which this was determined is unknown to me, but probably this size was selected as a size which would convey as much of this foul sewage polluted overflow to the harbor below the dam as it was safe to deposit there, and that the remainder must of necessity go into the basin.

This 7-foot conduit is being built, with numerous side overflows, which will work at grade 8.50, so that as soon as its capacity is exceeded by the combined flow from the Back Bay and Stony brook areas it will discharge its contents into the basin. This arrangement amounts to a direct discharge into the basin in all except the very smallest storms — sewage polluted overflow flowing in at one side of the marginal conduit and out at the other.

A part of the scheme is to store as much of this foul flow as the marginal conduit will hold, and run it back into the Boston main drainage system or the Metropolitan high level sewer system, to be pumped and discharged at either Moon Island or Nut Island.

The reduction in the size of conduit favors the preservation of the purity of the harbor below the dam, but at the expense of introducing more pollution into the basin. The reduction in size also militates against the storage scheme. Comparatively little can be stored in this small conduit. It cannot be drained back into either the Boston main drainage system or the Metropolitan high level until after the storm has ceased, because at the time of the storms these systems will be pretty fully occupied in carrying storm water from their contributary areas. If an attempt is made to store the flow from what promises to be a small storm, and it then develops into a storm somewhat larger than was anticipated, the first flow — which is the foulest — will necessarily have to be discharged into the basin, and all that would be stored would be the comparatively clean afterflow. It is doubtful whether any could be received by the Boston main drainage system, until some time after the cessation of the storm, without endangering the low districts in Boston, namely,

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Dover street, Dedham street, Church street and Beach street districts, in which nothing now keeps down the level of water in the sewer systems below the level of cellars during rains at high tide but the open connections into the intercepting system and the pumping at the Cow Pasture pumping station.

The whole arrangement is cumbersome and irrational. It consists, first, in mingling sewage with a great volume of surface water through the operation of the combined system, and then attempting to dispose of it either by sending it below the dam or into the basin.

Neither of these methods of disposal is satisfactory. I see no reason to change from the opinion advanced by this department in 1903, that the only rational solution of the problem is the introduction of the separate system throughout the area tributary to the Charles River basin.

The expense of this change will be very great. Recent estimates by the engineers of this division show that the changes in the sewers only will figure $2,464,000; if the cost of carrying out connections to the estates be borne by the city (and I think there can be little doubt that it will) the cost will rise to $3,142,000. It is problematical whether the expense of making changes in plumbing, roof leader connections, etc., on the estates, should be borne by the city or the land-owner, but it seems that, inasmuch as the present arrangements have all been made in compliance with existing laws, and the change required is one inuring to the sanitary benefit of the whole community, rather than one conferring special benefit upon individual estates, this cost also must be borne by the city. The estimate of the cost of making such changes in the plumbing of estates as will be necessary to exclude the roof and yard water from the connections with the sanitary system, and convey this water to the surface drainage portion of the separate system where it cannot otherwise be disposed of (and excluding those cases where the arrangement of the plumbing is such that unusual expense would have to be incurred), is $1,376,000. This brings the total probable expense to $4,518,000, or, in round numbers, $4,500,000.

All these expenses and trouble are entailed by the project of a full-tide dam — a fresh-water basin — instead of a half-tide dam with a salt-water basin. If the latter project were substituted for the former almost all these difficulties would immediately disappear, and most of the benefits would still be received — the principal difference being that the basin would not be absolutely free of tidal currents; but a

half-tide dam may be so designed and maintained that these currents would be slight as compared to the currents now prevailing under free tidal conditions.

There is no reason, from an engineering point of view, why a half-tide dam cannot be constructed, which should later be converted into a full-tide dam, and the great advantage of this arrangement would be this, that it would give time to the municipalities affected to make these expensive changes in their sewer systems. It is not reasonable to expect such great expenses to be incurred in a very short period of time. It is reasonable, and almost universal practice, when expensive changes of this kind are involved, to so arrange the administration of affairs that the great expenses may be spread over a considerable number of years and the financial burden thereby lessened.

The Charles River Basin Act calls for a full-tide dam. I recommend that it should be amended to the effect that the dam should be constructed as a half-tide dam and should so remain until the sewer systems in the surrounding territory have been put into a condition suitable for the maintenance of a fresh-water basin, or until this work shall have been sufficiently advanced, in the judgment of the State Board of Health, to permit of the complete exclusion of the tide, whereupon the original design shall be completed.

In the discussion of the last two subjects very large expenditures have been mentioned. This division is unfortunate in having these great expenditures forced upon it. Previous to 1897, when the $1,000,000 loan was passed, the division for many years had been practically starved with insufficient appropriations and the sewer system was in very bad condition. The demands upon it were out of all proportion to the funds that it had had at its disposal. Sewer systems had been enormously extended so that main sewers were overcrowded, floodings of premises and streets were numerous, relief sewers and large surface drains were called for, and the main drainage pumping station was in urgent need of expensive repairs and enlargement.

All this has been largely remedied, and the division was becoming nearly able to meet the demands upon it when, in 1903, the building of the Metropolitan high level sewer imposed the first large and unusual burden upon it in the introduction of the separate system throughout the high level territory.

Now, in addition to this, comes the Charles River basin project, entailing practically as much more of unusual expenditure in the separation of the sewer systems in the low level territory tributary to the Charles river.

FENWAY.—FORE BAY OF NO. 1 GATE-HOUSE. (View showing one-half.)

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These are not burdens which have come as a result of plans or theories of this division. They are burdens entailed by the projects and operations of the State, solely.

The Fenway work is completed. As the cost of this work is under investigation, I will make no comments further than to call attention to the difference between the amount of the work which was actually built and the amount contemplated at the time Mr. J. R. Freeman made his report on the proposed Charles River basin. The work then proposed was to build a gate-house across the open canal at the Huntington entrance to the Fens, at a point about half-way between Huntington avenue and the ornamental bridge then existing in the Fens, and a 12-foot by 12-foot covered channel from this gate-house to Charles river.

On account of the changes in the roadways of the Fens and the exchanges of land agreed upon between the Trustees of the Art Museum and the Park Commissioners, the route for the conduit, or conduits, imposed upon this division by the Park Commissioners, and the condition in which the existing 7-foot by 7-foot wooden covered conduit was found to be, the work actually done was to extend the Commissioners' channel from Huntington avenue to the Fens, build one new gate-house, including sub-structure, with four 8-foot by 12-foot gates, build the sub-structure with three gates of the same size for the old gate-house and move the superstructure of the same over on to it, and build 12-foot by 12-foot and 7-foot by 7-foot covered conduits from the gate-houses to the river.

The dredging of the sewage sludge deposit in the Fens ponds was also interrupted and delayed by changes in plans, the result being that great additional quantities of sludge came down from the Commissioners' channel, where it had been storing for years, and increased the total amount to be pumped out of the Fens ponds to more than double the amount estimated by Mr. Freeman.

Photographs of the Fens work accompany this report and will give some idea of the magnitude of it. As no photographs have been published of this work, I have not confined them to the work of the year last past.

Reports from the assistant engineers of this division, over their own signatures, are hereto appended, together with the usual tabular statements.

Respectfully,

E. S. DORR,

Chief Engineer in Charge of Division.

HENRY W. SANBORN'S REPORT ON MAIN DRAINAGE WORKS.

MR. E. S. DORR,
Chief Engineer:

DEAR SIR, — Included under this head are: The main and intercepting sewers, Calf Pasture pumping station, outfall sewer, reservoir and discharge sewers at Moon Island, Lyons-street pumping station, and the care of Stony Brook channels.

MAIN AND INTERCEPTING SEWERS.

The following data shows the amount of work done in the building, repairing and cleaning of all tide-gates, sumps, overflows and regulators of the sewerage system connecting with the main drainage works, Metropolitan system and Stony brook.

The number of regulators, gates, sumps and overflows to be cared for is as follows, including twenty-one miles of intercepting sewers:

	Gates.	Regulators.	Sumps.	Overflows.
Brighton	43	16	17	23
Charlestown	24	9	11	12
East Boston	42	15	17	23
City Proper	82	14	38	40
Dorchester	60	2	10	17
South Boston	44	4	17	21
Roxbury	34	1	8	15
Vapor gates	24	.....	.....	.....
Totals	353	61	118	151

The following is an account of work done during 1905, in addition to the regular inspection work:

Sewers cleaned	1,878 feet.
Number of new tide-gates built	3
" " " sumps built	2
" " " overflows built	2
" " regulators repaired	45
" " tide-gates repaired	297
" " flushing gates repaired	20
" " manholes repaired	156
" " old tide-gates replaced by new . .	3
" " manhole steps put in	330
" " loads of sewage matter removed from tide-gates, sumps and regulators . .	1,246

The total length of Stony brook water course to be cared for and inspected after each storm is 6¼ miles. The number of loads of material removed from channels during last year was 1,320.

PUMPING STATION.

The following repairs and renewals have been made:

The air pumps on Nos. 3 and 4 engines have been replaced by Tomlinson condensers. A new suction pipe has been laid from the salt water pumps to the well. Repairs have been made on the high pressure link and a new throttle valve supplied to No. 4 engine. An 8-inch injection pipe, for sewage, for No. 5 engine, and a new steam line to circulating pump, have been installed. Also new boxes for reach rod, No. 1 engine, new spray for Nos. 1 and 2 condensers, new steam drum for No. 3 engine and repairs on the valve chamber, new piston valve in governor of No. 4 engine and new reducing valve for Worthington steam line.

New plungers were put in No. 1 and repairs made on rods and rings. The filth hoist cages were repaired and new chains put on those on the south side. New weighing-out scales were put in the boiler-house. Some new steam piping, with covering, was erected in engine-house. The force mains between the engine-house and pipe chamber, which have been in use over twenty years and showed some leakage, were reinforced with concrete and steel bands. New rafts were put in the deposit sewers.

Recommendations.

An independent main steam line to No. 5 pump is greatly needed. With only one steam line for the whole plant, repairs on same can only be made by shutting down the plant, which cannot be done for any length of time.

LYONS-STREET STATION.

This pumping station has been operating satisfactorily, minor repairs only having been necessary.

MOON ISLAND.

All of the reservoir walls, where necessary, which included the greatest portion of the old part of the reservoir, have been repointed and are now in good condition.

Minor repairs have been made on all the buildings to keep them in proper repair, one of them being reshingled. A new floor was laid in the gate-house at the outlet to replace the old one, which was destroyed by a storm. The mechanism of the tide-gauge was removed from the gate-house at the outlet to a new building that was erected for the purpose.

The old barn at Squantum was jacked up, the floor levelled, new posts and sills placed under same, and a new top floor laid, as the conditions were unsafe.

The fence on both sides of the roadway embankment, on line of taking at Squantum, and around the connection chamber, were renewed and new gates were set up at the entrance to the property.

A new timber floor was laid over the boat chamber. Two heavy ladders were built and set up on each side of the wharf. Three of the upper sewer gates were removed, repaired and replaced, including the necessary bulkheads in the sewer and openings. The old iron gate frame bolts were removed and replaced by new ones of composition, and all wearing parts of the gates and frames were faced with composition, together with new cross-heads and screws for each gate. Three of the lower gates were repaired, the chief items of which were new composition cross-heads, lifting and adjusting screws.

The roadway on the embankment from the reservoir to the connection chamber at Squantum has been resurfaced with 3 inches of binding gravel, and is in good condition.

Recommendations.

Repairs on the turbine are needed and the recommendations made in the last report should be carried out, namely, the installation of gasolene engine as an auxiliary to the turbine in place of the old steam engine.

The water end of the force pump is badly corroded and should be renewed. The piping in the engine-room leaks in several places and should be renewed; also the piping on the

reservoir bottom, which is in very bad condition. The hydrants on this pipe are in good order. The brick ventilators on the discharge sewers should be relaid from the arch up. The stonework at the outlet and portions of the sea-wall need repointing. Considerable pointing of the brick-work on the long gate-house and at the connection chamber is needed, while the building at the outlet is in such condition that the walls need laying up over again.

The improvement of conditions following the discharge of sewage at Moon Island should receive the attention of the department, and I suggest two methods towards this end which I think it would be well to consider.

Complaints are numerous during the summer season from people using pleasure boats anywhere in the vicinity of the course of the flow of the discharged sewage. The presence of the sewage is apparent to the eye and the knowledge of its being there magnifies the odor of it, and, coupled with the fact that it blackens the paint of the boats that sail through it, makes a condition of things that favor comments and complaints.

Attention has been called to this matter before, in a way, as you will see from an extract which I subjoin from a communication on several subjects sent to the Deputy Superintendent in 1902, soon after his assumption of office:

"When the new pump is installed it will often happen that the reservoir will be filled before time of discharging. At the time these works were designed it was thought that the time might come when the reservoir extensions would cover the whole island. At the time I was constructing the present extension I looked over somewhat the matter of still further extension. While I did not go into the matter very deeply I came to the conclusion that some method other than building more reservoirs would be more economical, and I mentioned to the Superintendent at that time that I thought a scheme of extending the present outlet about 1,000 feet into the harbor and discharging all surplus, above the present reservoir capacity, at as great a depth below the surface as possible, should be thoroughly worked up. This or something else pointing to the same end should be taken in hand or the time may come soon when we can send more sewage to the outlet of the works than we can handle in a manner satisfactory to the Board of Health and the public."

With the outlet extended and so arranged that the discharged could take place along the whole length of the extension, the whole quantity of the discharge, whenever made, could be mingled with the tidal current over a large

area and at a considerable depth. This would save the department complaints, if not criticism.

The other idea that it would be well to consider at the same time as the above, which, if feasible, would avoid any extension of the outlet, follows:

At the pumping station the sewage, after passing through the pumps, runs through the deposit sewers, where all the heavy matter is deposited and then removed. If, at this point, chemicals were added to the sewage that would quickly precipitate the organic matter, and allow a comparatively pure effluent to flow on to the reservoir, the department would make a discharge above criticism. The only thing to consider would be, as regards expense of the two methods, whether the cost of this treatment would exceed the interest on the cost of the extension of the outlet, provided the precipitate had no value. I have reason to believe, though, that the deposit in the deposit sewer can be disposed of to advantage. If this precipitation can be accomplished it would not practically increase the present cost of removing the deposits.

I would recommend that some action be taken to test the feasibility of the above idea as soon as convenient.

Respectfully,

HENRY W. SANBORN,
Executive Engineer.

REPORT OF GEORGE W. HAMILTON.

MR. E. S. DORR,
Chief Engineer:

DEAR SIR,— The following is my report on the principal work done in the districts under my charge during the year February 1, 1905, to January 31, 1906, together with suggestions for work which it is desirable to do during the coming year:

EAST BOSTON.

During the year there have been built:

EAST BOSTON LOW-LEVEL SEWER ACROSS TIDAL BASIN.

Between East Boston and Orient Heights.

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3,077.84	linear	feet	of	brick sewer.
735.95	"	"	"	iron pipe sewer.
3,314.12	"	"	"	earthen pipe sewer.
466.53	"	"	"	concrete surface sewer.
1,609.34	"	"	"	pipe surface drain.

Total, 9,203.78 linear feet.

The most important of this work is the building of sections 2 and 3 of the East Boston low-level sewer from Addison street to Boardman street, and section 4 in Boardman street, as far as Saratoga street — in all about 2,775 linear feet.

Also about 700 linear feet of 24-inch brick sewer for Moore street intercepter, between Trumbull and Saratoga streets.

The Porter-street overflow was extended between Bremen and Frankfort streets, a distance of about 450 feet. This structure was of concrete, 7 feet 6 inches by 4 feet 6 inches and 7 feet 6 inches by 5 feet 9 inches. The work was necessitated by the abolition of grade crossings in this vicinity, and was done by the Boston & Albany Railroad under the supervision of and according to plans furnished by the Sewer Division.

The sewer in Bennington street, between Bremen street and Neptune road, and its outlet to Chelsea street, also the sewer in Curtis street, between Chelsea and Pope streets, have been rebuilt at a lower grade, on account of the abolition of the grade crossings at these streets. This work is being done by order of the Grade Crossing Commission.

Suggestions.

The East Boston low level sewer should be connected with the Metropolitan sewer at the pumping station near Chelsea street, and section 5 finished in Saratoga street, between Boardman and Bennington streets. The section between Butler avenue and Leverett avenue, about 2,400 linear feet of 3-foot and 2-foot by 3-foot brick sewer, should be built, thus completing the East Boston low level sewer, which will furnish an outlet for all of the Bennington-street boulevard, between Saratoga street and Leverett avenue.

There is great demand for the completion of Moore-street intercepter, between Saratoga street and Moore street. This will require about 3,800 linear feet of 24-inch and 20-inch sewer, which, when done, will relieve the nuisance at present existing on the flats at the foot of Moore street, and will

intercept the sewage from Saratoga and Bennington streets, between Trumbull and Wordsworth streets, which now empties into the flats at Trumbull street.

The separation of the sewerage system at Breed's Island, already begun, should be continued until finished, thus preventing any of the sewage from this section from emptying into tide-water.

It is desirable to build about 2,650 linear feet of 12-inch and 15-inch intercepting sewer to take the sewage from the Putnam and Glendon streets outlets on northerly side of East Boston. These outlets at present empty on to the flats at Chelsea street, and cause a nuisance at low water, particularly during warm weather.

Additional work necessitated by the abolition of grade crossings will be required in Saratoga street, between Chelsea street and Pope street, and at Sumner street and Maverick street, between Bremen street and Orleans street.

CHARLESTOWN.

During the year there have been built in this district:

829.52	linear feet	of	brick sewer.
2,321.68	"	"	" pipe sewer.
Total, 3,151.20	linear feet.		

The most important of this is the rebuilding of the sewer in Rutherford avenue, between Tibbets Town Way and Middlesex street.

Suggestions.

The separation of the Vine street sewer system should be completed, and new sewers built to replace the old wood and brick and wooden sewers in Tibbets Town Way, Essex, Lyndeboro', Middlesex and Dunstable streets.

BRIGHTON.

During the year there have been built:

3,496.85	linear feet		pipe sewer.
2,191.48	"	"	surface drain.
949.89	"	"	brick surface drain.
Total, 6,638.22	linear feet.		

The most important of this is the 949.89 linear feet of 2-foot 6-inch brick surface drain in Allston and Warren

streets, and 693 linear feet of 12-inch pipe surface drain in Sutherland and Lanark roads.

Suggestions.

There is urgent need for the construction of the Shepard brook conduit from Faneuil Valley brook, near North Beacon street, to Shepard street, a distance of about 5,200 feet. This conduit will relieve the sewers in the area draining down Market street, which are badly overcrowded at every rainfall of any duration. Numerous complaints have been received regarding damages to property, caused by flooded cellars, particularly in the vicinity of Washington, Cambridge and Winship streets. This conduit will vary in size from 6 feet to 3 feet circular, and the estimated cost is $100,000. This matter has been under discussion for the past twelve years, and takings in private land, between Wool pond and Market street, were made and paid for in 1898, but work of construction has not yet been begun.

It is also desirable to make a start on the construction of the easterly branch of Shepard brook, between Charles river at Western avenue and Murdock street. Profiles, over what is considered the most desirable route, have been made and estimates prepared. The total distance is about 11,000 feet, at approximate cost of $200,000.

WEST ROXBURY.

During the year there have been built in this district:

20,914.60	linear feet	pipe sewer.	
15,353.46	"	"	" surface drain.
1,579.55	"	"	brick surface drain.
501.00	"	"	" sewer.
517.88	"	"	concrete surface drain.
3,489.16	"	"	pipe house drain.
Total, 42,355.65	linear feet.		

The most important work done has been the completion of the sewerage systems in Hyde Park avenue to Ashland street, and in Belgrade avenue to Anawan avenue. The starting of the Roslindale brook conduit, between Cohasset and Linden streets, and the connection of the Roslindale main sewer in Washington street with the Metropolitan high level sewer. The last will do away for the present with the overflows into Stony Brook at Forest Hills square and the consequent nuisance caused by them at every rainfall. The

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Addington road sewer has been completed from Weld street to Maple street, and the extension of the same has been begun and is to be carried to Walker street. This, when completed, will give an outlet for the territory north of Weld street and west of the Brookline line.

Suggestions.

Sewers should be provided for the territory draining into Poplar street, between Canterbury and Beech streets. Numerous petitions and requests for these have been received during the past eight years, and also for the area bounded by Canterbury street, New York, New Haven & Hartford Railroad and Grew avenue. The natural outlet for the greater part of this territory is down Dale street, Metropolitan avenue and Grew avenue into the Town of Hyde Park. At the present time this town has no sewers nearer than 1,400 feet to the dividing line between it and Boston, and as far as its own needs are concerned will, probably for many years to come, be under no necessity to build any sewers which might serve as outlets for Boston territory. Should some arrangement be made between the City of Boston and the Town of Hyde Park by which the latter would extend their sewer from Hyde Park avenue across the New York, New Haven & Hartford Railroad, near Clarendon Hills Station, and up Dale street to the dividing line, the City of Boston could drain into such sewer the territory lying between Metropolitan avenue and Hauteville street and to a line about 1,500 feet north of Poplar street. This will give about 90 acres draining into Hyde Park from Dale street at Hyde Park line.

The area east of Metropolitan avenue and bounded by Metropolitan avenue, Poplar street, Grew avenue and Hyde Park line contains about 20 acres and will drain down the valley of the brook, which lies just west of Grew avenue and nearly parallel with it, into Hyde Park territory. This area at present is occupied partly by greenhouses and gardens and is part marsh land, at present containing only three or four houses. It will probably not be developed for several years, and there seems no reason at present to request the Town of Hyde Park to build an outlet for it. If the arrangement with Hyde Park cannot be made, about 60 acres south of Poplar street and west of Grew avenue will remain without proper drainage, but that portion of the drainage area lying north of Poplar street can, by cutting through the summit in Poplar street near Metropolitan avenue, be drained through Poplar street to Canterbury street; thence through Canter-

bury street and private land to Clifford street; through Clifford street and private land across New York, New Haven & Hartford Railroad to Hyde Park avenue, and in Hyde Park avenue and Canterbury street to Metropolitan high level sewer. The following is an approximate estimate of cost for a sewerage system for this area:

No. 1. On a basis of draining the territory along natural lines, with the larger part having outlet in Hyde Park; and, No. 2, by omitting the area south of Poplar street and forcing the divide near Metropolitan avenue, thus draining into the Metropolitan sewer at Canterbury street, we have:

No. 1a. With outlet down Dale street to Hyde Park line: sewers in Beech street, James street, Cornell street, Poplar street, between Beech street and Summit; Metropolitan avenue, between Burley street and Summit; Burley street and Dale street from Poplar street to Hyde Park line:

8,500 lin. ft. 12-inch pipe sewer; average cost, $4.50 = $38,250.00

No. 1b. Having outlet in Hyde Park avenue and Canterbury street to Metropolitan high level sewer: Poplar street, between Summit and Canterbury streets; Canterbury street, between Poplar and Perkins streets; private land from Canterbury street to Clifford street; Clifford street, private land from Clifford street to Hyde Park avenue, near Richards avenue; Hyde Park avenue, between Richards avenue and Canterbury street, and Canterbury street to Metropolitan high level sewer:

4,685 lin. ft. 12-inch and 15-inch pipe sewer; average cost, $4.50 = $21,082.50
Total for entire area = 59,332.50

No. 2. Omitting the area south of Poplar street and cutting through the divide near Metropolitan avenue, we have:

Sewers in Beech street, James street, Cornell street, Poplar street, between Beech and Canterbury streets; Canterbury street, between Poplar and Perkins, private land, from Canterbury street to Clifford street; Clifford street, private land, from Clifford street to Hyde Park avenue, near Richards avenue; Hyde Park avenue, between Richards avenue and Canterbury street, and Canterbury street to Metropolitan high level sewer:

9,885 lin. ft. 12-inch and 15-inch pipe sewer; average cost, $4.75 = $46,953.75

This gives an estimated cost of about $2,500 more to drain the territory west of Metropolitan avenue and north of

Poplar street into the high level sewer at foot of Canterbury street than it would to drain it along natural lines into Hyde Park, supposing the outlets were built up to the Hyde Park line.

The sum total of Schemes 1a and 1b =	$59,332 50
while Scheme No. 2 =	46,953 75
a difference of	$12,378 75

This is because the sewerage of Metropolitan avenue, south of Poplar street, Burley street and Dale street is left out of Scheme No. 2.

There is urgent need for the improvement of Roslindale branch of Stony brook, from Linden street to Centre street, in order to afford relief to Roslindale main sewer, which is overcrowded at every heavy rain, and also to afford relief from the flooding caused by surface water in time of storm. The estimated cost for this work for the entire distance is one hundred thousand (100,000) dollars.

A temporary improvement between Linden street and Belgrade avenue is imperative in order to provide an outlet for the surface drains in Belgrade avenue, between Dudley avenue and Anawan avenue. This temporary improvement would consist of a walled channel along the line of what will eventually be the permanent location, and with permanent culverts under all existing streets. The estimated cost for this is about twenty-five thousand (25,000) dollars.

Many complaints are received each year regarding conditions along Florence-street brook, between West Roxbury playground and Poplar street. The sewers of this section have been in great part designed on the separate system, and there is no proper outlet for surface water. The brook itself, or what remains of it, stands in stagnant pools in dry weather, and is a source of annoyance to residents in the vicinity.

At the upper end, at Poplar street, the brook flows on to the streets, and running down the gutter is carried into the sewer. In time of storm the sewer is overcrowded and the water overflows the street, runs into yards, and becomes a nuisance to the entire neighborhood.

Taking plans have been prepared for this, but takings have only been made for the lower part, between Florence street and Ridge street. The entire length to be built is 4,000 feet of 5 feet 9 inches, 5 feet, 4 feet 6 inches, 4 feet and 3 feet 6 inches conduit. The estimated cost is sixty thousand (60,000) dollars.

The lower 800 feet, lying in an accepted street, and in a taking already made, can be started at any time.

The area bounded by Cass, Centre, Baker and Spring streets is in a wretched condition from a sanitary standpoint, and several requests have been made for a sewer to relieve this territory. The natural outlet for such sewer is down the valley of Spring-street brook to the Metropolitan sewer, a distance of about 3,200 feet, at a probable cost of twenty-three thousand (23,000) dollars.

This outlet will lie in land at present totally undeveloped, but if built would afford an outlet for sewers which at present would receive the drainage of some 40 houses.

A sewer is also desired in Spring street, between Metropolitan sewer and Baker street, a distance of about 2,400 feet. This street and streets leading from it at present contain about 35 houses.

It will be necessary in the near future to make a radical change in the existing sewerage system of the area bounded by Chestnut street, Boylston street, Centre street, and divide line about 400 feet west of Spring Park avenue. The sewers of this territory are on the combined system, and are utterly inadequate to carry away the storm water brought to them in time of heavy rain, without first flooding numerous cellars. Back water traps placed on the house drains serve to some extent to remedy this trouble, but they require constant watching and are a source of considerable care and trouble. When these sewers were built they were of sufficient size to meet all requirements, but with the development of the drainage area a change to the separate system becomes necessary. There are two ways in which this may be done: Either build a system of surface drains in the streets having the present sewers to carry only house sewage, or retain the present sewers, when practicable, to carry the storm water and lay a new system of pipe sewers, when necessary, to carry only house sewage. The latter course will probably be far the cheaper and much more satisfactory. In this case it would be necessary to disconnect all roof water leaders from the house drains and connect them with the surface drains. It is also desirable to separate the systems draining into Boylston street, between Stony brook and Washington street, and in Brookside avenue between Boylston street and Green street.

In May, 1905, the Roslindale main sewer in Washington street was connected with the Metropolitan high level sewer by special permission from the Metropolitan Water and Sewerage Board, and with the understanding that within five years

or less the sewers now connected with it would be changed to separate systems sewers and those to be built after the connection was made should be on the same basis. Part of this agreement would be carried out by building the Roslindale brook conduit, as above mentioned, with surface drains in the various streets. The remainder of the area to be considered lies north and east of the New York, New Haven & Hartford Railroad and south of Centre street. The surface water from this will flow into the Arundel-street brook. This should have a covered channel from Birch street to culvert under Belgrade avenue and from covered channel at Roberts street to and across South street, Farquhar street and Hewlett street, a distance of about 1,600 feet at an estimated cost of about $20,000.

The area bounded by Williams street, Forest Hills street, Lotus street, and Plainfield street lies considerably below the surface of these streets, and is now being rapidly filled in. Two watercourses flow down from Franklin Park through this land, and are taken into a conduit built part way up Williams street. This conduit should be completed up Williams street to Forest Hills street to intercept the easterly branch where it crosses that street, and another built up Keyes street to take the westerly brook at the crossing of Keyes street. At the present time the natural channels are being encroached upon by the filling, and in time of storm the brooks overflow their banks and flood the cellars in the vicinity.

Yours respectfully,

GEORGE W. HAMILTON,
District Engineer.

REPORT OF EDWARD F. MURPHY.

MR. E. S. DORR,
Chief Engineer:

DEAR SIR, — The following is a statement of the lengths of sewer and surface drains built in South Dorchester from February 1, 1905, to January 31, 1906, with a list of the most important work done, general comments and recommendations for future work:

During the year there have been built in this district 4,753.53 linear feet of pipe sewer, 1,726 linear feet of brick

CANTERBURY BRANCH OF STONY BROOK, AND TALBOT AVENUE BRANCH HIGH-LEVEL INTERCEPTER.

Between Blue Hill Avenue and Don Street.

THE NEW YORK
PUBLIC LIBRARY
ASTOR, LENOX AND
TILDEN FOUNDATIONS.

sewer, 32,617.89 linear feet of pipe surface drain, and 1,299.50 linear feet of brick surface drain, making a total of 40,396.92 linear feet, or 7.65 miles.

Attached to this report you will find a list of streets, with length and sizes of sewers and surface drains constructed in the district.

The most important work started during the past year was the building of 1,675 linear feet of 4-foot 3-inch brick sewer on the Talbot-avenue high level sewer, between Morton and Don streets, and the construction of 980.50 linear feet of 10-foot by 8-foot 6-inch brick conduit for the improvement of Canterbury branch of Stony brook, between Harvard and Don streets. These two channels from Harvard street to Don street were carried in the same trench and was necessarily a very expensive job on account of the large amount of ledge encountered.

We have also advertised the remaining section on the Talbot-avenue sewer, between Don street and Lyons-street pumping station. This will be a tunnel section through private land, and at this date we can state that all work on the Talbot-avenue high level sewer as far as the pumping station is under construction or advertised to be constructed during the coming year. This improvement will do away with the Lyons-street pumping station and take out the sewage from about 450 acres from the Talbot-avenue sewer, which has been a source of many complaints and suits against the city.

On the Dorchester high level sewer the connection with the Metropolitan high level sewer at the Hyde Park line was made, which will allow drainage for houses on River street, between Mattapan square and the Hyde Park line, as we had already built a 4-foot 9-inch circular brick sewer between these points without an outlet.

On account of the question of routes between Fremont street (the end of the present work) and Board of Survey street No. 516, this section was omitted, and from the above street No. 516 to Groveland street, a distance of about 2,000 feet, a section was advertised and let, but as yet no start has been made on the same.

A start on the improvement of Tenean creek, between Mill and Park streets, was made, and 122 linear feet of 14-foot by 12-foot brick conduit was built to date. This work has been repeatedly called for by petitions and delegations from the property owners in this vicinity, and will abate a long standing nuisance.

The building of house sewers in Ashmont and Adams

streets, between Elm place and Wrentham street, the houses on which formerly drained into the South branch of Tenean creek, thereby removing a part of the pollution to the main channel, is also worthy of mention.

On Freeport street, between the Dorchester intercepting sewer and Neponset avenue, the house sewer was built, which will afford drainage for twelve houses that formerly drained on to the marsh in the rear and caused many complaints from the Board of Health.

Sewers were built in Boutwell, Groveland, Harvard, Hollingsworth, Richmond, River and Walk Hill streets, all of this work having been repeatedly called for by petition.

As provided for by the Separate Systems Act, many streets in which sewers were overcrowded by reason of catch-basins being connected with the same, received our attention, and about 33,000 linear feet of pipe surface drains were built.

The extension of the surface drain in Sturbridge and Sanford streets was also made. This improvement will do away with the many floodings of cellars we have had in this district in the past.

The contract for the building of the sewer in Norwood street was advertised and let, but no start has been made on the same. This sewer has been petitioned for many times and is a much needed public improvement.

On River street, between Mattapan square and the Hyde Park line, a complete system of catch-basins, surface drains and catch-basin drains was built, which will allow the street to be put in good condition for public travel.

Suggestions.

The most important work contemplated in South Dorchester for the coming year is the extension of the Dorchester high level sewer from the end of the present work contracted for to Meeting House Hill. The choice of lines for this extension is one of great variation and should receive our earliest attention, especially the portion between the end of completed work at Fremont street and the portion now under contract. This is a question of raising the present grade of River street, or extensive rock cutting through private land to the north.

On the Talbot-avenue high level sewer the extension from the Lyons-street pumping station to Talbot avenue is worthy of consideration, as this will provide an outlet for rebuilding the Talbot-avenue sewer at a lower and more satisfactory grade.

The Oakland Brook channel, on which we have spent so much money on the upper end, should be extended from the New York, New Haven & Hartford Railroad to the existing covered channel, and from River street to the Neponset river. As it is to-day we have a large conduit without a suitable outlet.

On the Davenport brook, between Adams and Van Winkle streets, the old channel is in a very unsatisfactory condition, and as we have had petitions and complaints, and are also threatened with suits on account of the floodings, I think it advisable to give this matter our earliest attention.

The pollution of Tenean creek in Christopher street, by reason of houses on this street draining into the storm water conduit, and the sewage being carried to the tidal creek below, thereby causing a nuisance, should be attended to this coming year.

Respectfully,

EDWARD F. MURPHY,
District Engineer.

REPORT OF THOMAS F. BOWES.

MR. E. S. DORR,
Chief Engineer:

DEAR SIR, — There have been built in this district during the past year:

NORTH DORCHESTER.

3,025.50	linear feet pipe house sewer.
14,476.63	" " " surface drain.
Total, 17,502.13	linear feet = 3.31 miles.

The principal items of construction are: Dorchester brook sewer in Rockford street, Brook avenue and Brook-avenue place. This very important work, which consists of the entire rebuilding of the main Dorchester brook sewer on the separate system, has just been started, a contract having been let for about 1,200 linear feet of this sewer. This has been petitioned for for many years by residents in the vicinity

of the Hugh O'Brien School, and will not only give better drainage and relieve the flooding of cellars, so common here, but will provide an adequate outlet for the upper regions on this line, which are badly in need of some relief.

Pipe house sewers have been built in Church street, Hamilton street, between Coleman street and Bowdoin street, Prescott place and in private land between Columbia road and Moseley street.

Private parties have built from city plans, and under city supervision, sewers in Cameron street, Doris-street extension, Gardner avenue, Glynn street, Kingsdale street and Norton street.

A large number of pipe surface drains have been built in the high level area, especially in those streets where small pipe sewers carry the combined sewage and storm water flow. Much of this work has been done in districts where the small lateral sewers were overcrowded in time of storm and where ultimately it will be necessary to effect the entire separation of storm water from the sanitary sewers.

The Harvard street district has been completed on these lines already, with the result that flooded cellars, formerly so common here, are now entirely free from this trouble, and nearly all the storm water from an area of 150 acres is carried to the storm water drain in Franklin Field instead of being carried by the common sewers to Calf Pasture Pumping Station.

Recommendations.

Freeport-street brook. — A portion of this brook course, between High street and Bowdoin street, is the only piece of uncovered channel between the source at the junction of Hancock street and Columbia road and the outlet on the tidal marsh below Dorchester avenue at Freeport street. The conduit should be constructed as soon as possible, not only to provide an adequate outlet for the proposed drain in Bowdoin street, but to get the full benefit of large storm drains built on this line above this point.

Bowdoin street. — This work involves the building of a storm drain heretofore called the Coleman-street branch of the Freeport-street brook, from the main line just mentioned, through Bowdoin street, Draper court, private land, Hendry street and Coleman street to Quincy street. This has been recommended for several years past, and as conditions have fast been growing worse, owing to extensive building in this territory, it is absolutely necessary that this line of sewer be rebuilt in the near future.

Tenean creek, between Westville street and Speedwell street.— This old watercourse takes the surface drainage from an extensive, well built up territory, and is the source of very great nuisance. No single piece of work in Dorchester demands the attention of the department more than this, but considering that most of the line passes through private property releases are difficult to obtain, consequently the expense is great.

Dorchester-brook sewer. — As mentioned before, start has been made in the work of rebuilding this line of sewer. The territory from which the greatest number of complaints come, however, is near the junction of Lawrence avenue and Blue Hill avenue, but as this is so far above the point at which present construction is in progress, no sign of relief can be afforded property owners on Intervale street, Otisfield street, Gannett street, Holborn street, Lawrence avenue, and other streets, unless a large section of this sewer is built every year until Lawrence avenue is reached. The growth of this section of Dorchester has been very great during the past ten years, and the old main trunk sewer has become entirely too small to handle the storm flow.

Dorchester high level sewer. — This sewer which is now in progress in South Dorchester will eventually be carried into this district, but not until the lower sections have been built, which will give time for study of the most available route.

Oakland Garden fork of Canterbury branch of Stony brook. — This brook course has its source at the junction of Blue Hill avenue and Seaver street, and has been built as a covered channel of various sizes through Seaver street, Columbia road, Hewins street, across private land, Erie street, Elmo street, Fowler street and Greenwood street, to a point near Harvard street. The remaining portion in Harvard street, Standish street, West Park street, and Bernard street to Franklin Field should be constructed in the near future. This channel will then take the proposed drain in Kilton street, also Faxon street, between Kilton street and Washington street, and give adequate relief to the low-lying district between Mt. Bowdoin and Harvard-street railroad station.

Dudley-street Railroad Crossing. — The proposed abolition of this grade crossing makes necessary the study of a plan for rearranging the system at this point. As it is proposed by the department to eventually introduce the separate system into this district, a brick surface drain, together with pipe-house sewer, will be necessary in Dudley street, from

Humphrey street to Magnolia street. The foundation for the piers of the new overhead bridge will cut off the present sewer, so that some other arrangement will be necessary to carry on this work in connection with the work on the piers.

Shamrock-street outlet. — This outlet will have to be extended from its present terminus on the land of Neil McNeil to the open culvert under the New York, New Haven & Hartford Railroad, owing to the land on both sides of the channel being filled in. This has been called for in previous reports, and undoubtedly something would have been done the past year but for the fact that a land taking is necessary, and the owners have no definite plan for the laying out of this property.

House sewers should be constructed in Kimball street, Dorchester avenue, between Kimball street and Linden street, Edison green, both sides, between Dorchester avenue and Pond street, Baker court, Vaughan street, Clayton street, connection with interceptor at Greenwich place, Payson avenue, Olney street, DeWolf street.

Surface drains should be constructed in Longfellow street, Topliff street, Speedwell street, Leonard street, Granger street, Dickens street, Greenwich street, Fenton street, Homes avenue, Franklin Park brook, between Harvard street and Blue Hill avenue, and Marlowe street.

SOUTH ROXBURY.

There have been built in this district during the past year:

4,252.29	linear feet	pipe sewer.	
681.76	"	"	brick surface drain.
16,318.24	"	"	pipe surface drain.
Total, 21,252.29	linear feet = 4.03 miles.		

The principal items of construction are:

Maywood's brook conduit in Ruggles street. — The work has been under construction during the entire year. Progress has been as rapid as is commensurate with such heavy work and in such a locality. Borings made on this street showed that a soft stratum of peat underlaid the whole territory, and at Ruggles street and Westminster street this layer was 27 feet thick. Buildings all along the line of this work showed unmistakably that much settlement had taken place, and great care had to be exercised to prevent any further movement of these buildings. It was anticipated that numerous claims for damages to buildings would arise from the construction of this sewer, and to safeguard the interests

of the city a careful personal examination by an expert builder was made of the interior and exterior of every building on the street. Photographs and minute measurements were taken by the engineers of every structural defect, and all carefully preserved for future reference. An accurate set of levels was run, and marks or tell-tales placed on each of these buildings, and subsequent levels have been taken during the progress and after the completion of the work to note any movement of the same, but no noticeable change has taken place. The results of these precautions and extra labor has already proved of considerable value in view of the fact that the several claims presented by abuttors have been entirely contradictory to the evidence in the city's possession. The section of our open trench shows that five different macadam roadways had been built here, one over the other, since the street was first opened for travel, and so great has been the settlement of the surface that the roadway was found 1.50 feet below the established grade. All the construction here has been upon the separate system — a 24-inch pipe sewer on the north side, an 18-inch pipe sewer on the south side, and a 11-foot by 7-foot 6-inch brick surface drain in the centre of the street. These pipe sewers laid at a very low elevation give adequate drainage for all the low cellars in the immediate district, while the large surface drain will ultimately carry the storm water from about 350 acres in Roxbury and deliver the same to the old Stony brook channel in Whittier street at the corner of Hampshire street.

Hammond street. — This work was carried on from last year and completed to Shawmut avenue. Satisfactory drainage has now been afforded the low cellars formerly flooded during every heavy rain.

Sewers have also been built in Beech Glen street, Bower street, Elm Hill avenue, Hartwell street, Howland street, Munroe street and Sherman street. Separate systems of drainage have been installed in Alaska street, Aspen street, Bower street, Brookledge street, Cheney street, Devon street, Elmore street and many others.

These small surface drains were built mostly throughout the high portion of the high level area in Roxbury, so that catch basins could immediately be taken out of the common sewer and at the same time provide a separate outlet or drain for roof water leaders. In this way all new buildings constructed on any of these streets had the separate drainage installed at the outset in accordance with the State requirements.

Most of these streets have small pipe house sewers, which had to carry the combined flow from the streets, roofs, sinks and toilets, and as a rule were not designed to take all this flow.

The additional catch basins built in recent years instead of being taken into storm sewers had to be taken into the small house sewers, as there were no other drains to take them. Consequently the storm-water falling upon the roofs, yards and streets was all conveyed to the main interceptors, and thence to the pumping station. In some portions of Roxbury the same is true to-day, notwithstanding the fact that the surface drains have been built in many small streets, owing to main drain not having been carried up from the lower territory to take all the flow separately from these drains and convey the same directly to tide-water.

Wherever this separation has been effected in lateral streets and not in main streets, advantage has been taken of the fact that in many cases the present sewers in main streets are or will be large enough to act as surface drains when the separation is complete. Therefore, instead of building surface drains in streets where the existing sewers are large enough for storm drains, new pipe sanitary sewers will be constructed at a lower elevation.

Recommendations.

Old channel of Stony brook. — This channel, while plenty large in places, needs rebuilding badly. Attention has been called to its condition many times in recent years, and numerous cave-ins have caused a great many repairs. It may be found impossible to do any work upon the upper end of the line the coming year, as expense will be very heavy, but a comprehensive plan for the construction of this channel, together with the various complicated details to be met with at the various street and sewer crossings, is under way.

Maywood's brook conduit.— This conduit is now completed from the junction of Hampshire and Whittier streets, through Hampshire and Ruggles streets, nearly to Shawmut avenue. Work should be pushed forward up Shawmut avenue, at least to Vernon street. Here the old 3-foot 6-inch by 5-foot 6-inch brick sewer which is now carrying all the flow from the higher portion of Roxbury is met with, and a large overflow can be established for the relief of this line. It will then be possible to skip a portion of this trunk sewer and pick up the reconstruction again at the corner of Washington and Circuit streets. The section from here through Circuit street, private land, Ray, Regent, Dale,

Laurel, Ottawa and Sherman streets should be started as soon as possible. This work was started in Circuit street in April, 1904, but was stopped on account of the land takings necessary and the very heavy expense. If this construction had proceeded the abutters on Laurel, Ottawa, Sherman and Lansing streets would now be relieved of the great nuisance of flooded cellars from which they have suffered many years, and the small lateral surface drains all picked up, and the storm water system made practically complete. The serious drawback in the way of a complete separation lies in the fact that though the large storm drains be built, a large percentage of storm water will for a long time reach the sanitary sewer from the roofs and yards. This will crowd the small sanitary sewers to such an extent that the overflows in the Stony brook will be in operation during every heavy storm, something which the department is strenuously trying to avoid. The only recourse the city has is to compel each property owner to connect his soil pipe with the sanitary sewer and the roof and yard water leaders into the storm drains as construction progresses. As this proposition may sound all right for theory, in actual practice, I think, it will be found well-nigh impossible to effect the separation for several years after the system is installed. A portion of the Roxbury high level sewer will have to be built in connection with this work, and the best route to be adopted for the same is still in doubt.

Roxbury high level sewer. — Construction has yet to be started on this line, having been postponed for several reasons, the actual necessity of this sewer not being so great as in the case of the Talbot-avenue high level sewer and the Dorchester high level sewer; these have taken preference. The line is also a difficult one to locate and an expensive one to build, while the advantages to be gained for the general system of drainage are slight in comparison with the two former sewers. This sewer must be built, however, and the separate system established throughout the entire area which it drains, if the pollution is to be removed from the channel at Stony brook and the pumping station relieved of the expense of handling such an enormous amount of storm water. The fact that a portion of this sewer will have to be built in Dale street, together with the Maywood's brook conduit spoken of above, complicates the problem and delays the construction of the latter conduit. While the Maywood's brook conduit is imperatively needed in Dale street, the high level sewer is not, but for cheapness and simplicity of construction they should be built at the same time in the same trench. To do this without first building the outlet for the

high level sewer, from Dale street to the corner of Boylston avenue and Centre street, Jamaica Plain, would leave a stretch of sewer in Dale street unused until such time as the outlet should be built, thus inviting the criticisms of the general public. Meanwhile the residents along the streets previously mentioned must suffer from the poor system of drainage.

Cabot-street intercepter. — This intercepter above Ruggles street has always been overcharged in time of storm, with the result that it has backed up through its connections with common sewers, and has probably contributed greatly to the pollution of the old Stony brook channel in Whittier street. The large regulator on this line at the corner of Cabot and Ruggles streets, which was installed when the intercepter was built, had a point of cut-off so low that the portion of the intercepter above this point carried only little sewage, even in dry weather. The Stony Brook valley sewer, which enters this intercepter at Elmwood street, brought down enough flow to entirely fill the intercepter, even if the latter were free to carry it, and not being able to escape this way, the flow was naturally diverted into Stony brook through the overflow near the Boston Belting Company. This brings up the question of the rebuilding of —

The Elmwood-street overflow. — This should be rebuilt of a larger size to take the storm flow from the immense area drained by the Stony Brook valley sewer.

Fenner-street surface drain. — This is a surface drain designed to connect the large surface drain in Washington street, near Cobden street, with the surface drain in Walnut avenue at Cobden street, and relieve the sewers and drains in the so-called Ruthven street district, together with the flooded cellars on Cobden street.

Sewers should also be constructed in Westminster, Warwick, Sussex, Sterling, Winslow, Eustis, Chadwick, Fellows, Williams and Cabot streets and Willow park.

SOUTH BOSTON.

There have been built in this district during the past year:

245.50	linear feet	brick sewer.	
4,158.43	"	"	pipe sewer.
1,812.71	"	"	brick surface drain.
807.20	"	"	pipe surface drain.

Total, 7,023.84 linear feet = 1.33 miles.

The principal items of construction are:

A street, between Binford street and Congress street. — Work has been carried on here throughout the year upon a new system of sewers and surface drains designed to take the sewage, in place of the broken down and inadequate old wooden sewer built here in 1879, and carry the storm water directly into Fort Point channel. This has been a very slow and expensive piece of construction, owing to the fact that the sewer and surface drain had to be carried along in the same trench on a platform with pile foundation. The heavy flow coming from the old sewer, which drains all the area between Fort Point channel and the New York, New Haven & Hartford Railroad, had to be taken care of, and as the elevation of the new house sewer is about the same as that of the old sewer, this was a serious handicap. In addition, all the old drop inlets on the easterly side of the street were converted into regular size catch-basins and connected with the surface drain. Likewise all old drains encountered, which were found not to carry sewage, were connected with the surface drain. The portion of the trench under the Summer-street bridge, which is 100 feet wide, had to be excavated by special machine. The pile driving for this section also presented a problem, as the clear headroom under the bridge is but 15.60 feet, thus preventing the use of the ordinary derrick with sliding hammer. Concrete piles were decided upon to take the place of the wooden piles, and these were constructed as follows. A 10-inch iron pipe was first driven well into hard bottom by means of a hammer worked by hand, through the limited space under the bridge girders. The interior core of gravel, mud, oyster shells and general filling was then drilled by hand power and washed up with ordinary fire hose attached to a city hydrant. When the pipe was considered clear, a testing ring 9 inches in diameter, consisting of an iron ring, in the centre of which was a 4-inch by 6-inch wooden timber, and around the interior face of which were fastened six lugs, was dropped into the pipe, to make sure that the entire amount of material had been removed, to the bottom of the proposed pile. When the pipe was found clear, four ¾-inch twisted steel rods were placed in the pipe to reinforce the concrete. These rods were first tied at top and bottom to two 7-inch centering rings, which held the rods exactly in place, so that throughout their entire length (average 25 feet) the centre of each rod was 1⅞ inches from the finished face of each concrete pile.

Portland cement concrete mixed 1 to 2½ to 4½ was then admitted to the cylinder and very tightly rammed, so that each of the rods was entirely surrounded by concrete. After the concrete had been brought up to a height of two feet, that

portion of the iron pipe was raised, and the process continued. When the last batch of concrete was deposited, 1¾-inch twisted steel rod, 1 foot 7 inches long, was inserted in the centre of the concrete pile 12 inches deep for a dowel, to fasten the 8-inch by 8-inch pile cap above. The slight remaining space, if any, between the top of the pile and the bottom of the pile cap, also the space between the dowel and the 1½-inch hole through the pile cap, was filled with Portland cement mortar.

These piles were driven in bents 5 feet apart and 2 feet 10 inches on centre. Two of these piles were driven to a low grade and supported a 24-inch pipe sewer, while the third pile was driven to a grade 3 feet higher, and together with blocking from the lower flooring supported a 2-feet 6-inch brick surface drain. Owing to the fact that this street carries the heaviest trucking in the city, and that there was only three feet of covering over the brick surface drain, a strong structure with heavy foundation was imperative.

Congress street. — The portion of this street between Fort Point channel and the New York, New Haven & Hartford Railroad has been entirely remodelled. The old 15-inch pipe sewer in the centre of the street has been succeeded by two pipe sewers, one in each sidewalk, built at a considerably lower elevation. The same construction was followed here as in A street, that is, the roof water leaders were all detached from the main soil pipe wherever encountered, and together with catch-basins connected into the brick surface drain in the centre of the street. The house sewer in A street which takes the sewage from Congress street, Sleeper street, Farnsworth street, Pittsburgh street, etc., is thus relieved of a large amount of storm water. The surface drain here enters into Fort Point channel at the old Congress-street drawbridge, and will serve as an outlet for the streets just named when the latter are built upon the separate system. By the construction of this street the department has not only carried on the separation scheme inaugurated in A street, but has stopped the flooding of cellars so common in this district, has relieved the intercepting system and the pumping station of a large amount of storm water, and has generally bettered drainage conditions in this important warehouse district.

Vale-street outlet, between Columbia road and tide-water. — The 6-foot 6-inch brick conduit has been built across the playground at McNary Park to afford an outlet to tide-water for the system of combined sewers, the sewage from which enters the intercepter at the corner of Vale street and Columbia road. The structure was completed as far as the filling now going on here would allow, and will have to be extended from time to time as the filling encroaches on the line.

House sewers have been built in Champney street, between Columbia road and Old Colony avenue; in Q street, between East Second and East Third streets; also surface drains and catch-basins in Thomas Park.

Recommendations.

A street, between Mt. Washington avenue extension and Binford street. — Construction on A street, previously mentioned, was started at Binford street for the reason that it was impossible at the time to determine whether the old overflow which leads into Russell's dock at this point, or a new route selected in Mt. Washington avenue extension, as an outlet for the storm water drain. Objections were raised by the officials of the Boston Wharf Company to the continued use of this dock for an outlet, and later they granted the use of the Mt. Washington avenue line. This much having been settled, the remaining portion of A street should be finished at once.

Mt. Washington avenue. — This line having been decided upon as the route for the outlet for the storm drain in A street should be constructed the coming year.

P street. — This street, between First street and Third street, is badly flooded at times of heavy storm and is greatly in need of a lower sanitary sewer.

H street, between East Eighth street and East Sixth street. — This sewer should be rebuilt of a larger size and at greater depth to relieve the flooded cellars on Seventh street and Sixth street.

E street, between Seventh street and Ninth street. — This is a very low territory and one difficult to provide with satisfactory drainage. Many of the cellars are below the legal grade (grade 12), and the surface at the corner of E street and Eighth street is at elevation 14.50. Having for outlets the D-street sewer and the West Seventh-street sewer, which are both overtaxed in time of storm, it seems likely that a new route will have to be selected to the Dorchester-avenue intercepter.

Many of the sewers in South Boston are very old and the problem of satisfactory maintenance is a difficult one. Much of the trouble arises from the deposits of sludge, both in the common sewers and in the intercepter. A sufficient force of men should be established here to adequately care for the entire system.

Respectfully,

THOMAS F. BOWES,
District Engineer.

REPORT OF A. L. KIDD.

MR. E. S. DORR,
Chief Engineer:

DEAR SIR, — There have been built in this district during the past year:

CITY PROPER.

334.85	linear feet	wood sewer.	
1,404.00	"	"	concrete and brick sewer.
5,985.36	"	"	pipe sewer.
638.77	"	"	" surface drain.
Total, 8,362.98	linear feet	= 1.58 miles.	

The principal sewerage works completed in the district are as follows:

Fulton street, between Cross street and Ferry street.
Chatham street, at Commercial street.
Charter street, between Phipps place and Marshall place.
High street, between Oliver street and Hartford street.
Pinckney street, overflow at Brimmer street.
Union Park street, overflow.

Sewers have been built by the Transit Commission in Washington street, between Hollis and State streets.

Recommendations.

The sewer in Congress street is in a dangerous condition; it should be rebuilt immediately. If it should fall so as to dam the sewer, cellars would be flooded, and if a storm should occur at the same time, the district flooded would include many business houses; the damage to goods and property would be very heavy.

North Grove street. — This sewer is built of wood and is so rotten that it has caved in several times, causing dangerous holes in the street. When holes have occurred the sewer has been patched. The condition of the sewer is such that it must be rebuilt. I would therefore recommend that it be done before some serious accident occurs.

The Canal-street relief sewer in Commercial street, where it crosses State street, was settled by the construction of the East Boston tunnel. On account of the condition of the sewer, we have been unable to determine how much it has settled. It is desirable that the grade be restored.

The old wooden sewers in Milk street, Broad street and India street have open joints and cause trouble by leaking into cellars. Although these sewers are not rotted enough to be in danger of falling in for some time, they are gradually rotting away, which makes it desirable to build tight brick sewers of modern construction.

Beach-street sewer is in poor condition It has been patched and may last for some time, but like most of the old wooden sewers it is rotting more each year, which will make it necessary to rebuild it in the near future.

Fellows street. — On account of the nature of the ground, this sewer has settled. It has gone down below the grade of the outlet at Albany street. I would recommend that a sewer be built on piles in Northampton street, between Harrison avenue and Fellows street, and Fellows street be rebuilt as far as Orange court. The sewer in Fellows street above Orange court does not require rebuilding.

East Lenox street. — This sewer has caused the department a great deal of trouble. It is badly settled, and is frequently found to be broken. It being impossible to clean it in its present condition, I would recommend that it be rebuilt immediately.

Oxford street. — This sewer has been broken and patched many times. It is in such poor condition that it is broken in the patched places, the sides not proving solid enough to hold up the new roof. It is necessary that this sewer be rebuilt at the earliest opportunity.

North Market street. — This sewer is in poor condition. It is leaky, and is probably the cause of water in cellars which has to be pumped so frequently. It should be rebuilt.

East side intercepting sewer, mentioned in last year's report, is in about the same condition. It is impossible to make a house connection with sewers that are drained by this sewer on account of the depth of water or sewage in them.

There are several miles of wooden sewers in the city proper district in different states of preservation. Many of them have open joints, which allow water to escape from them, which may find its way into adjoining cellars. Where water in a cellar has been traced to a leaky sewer, or where one has broken down, it has been rebuilt. As these sewers are getting older and consequently more rotten, it will not be far in the future when they will all have to be rebuilt. This depends largely how wet they are kept by the ground water outside or the sewage inside. Many that are connected or have their outlet into the east side intercepting sewer are kept full of water. This preserves them, but when the east

side intercepting sewer is rebuilt and water lowered to its proper level many of these sewers will begin to go very fast.

NORTH ROXBURY.

There have been built in this district during the past year:

1,793.11	linear feet	pipe sewer.	
19,815.92	"	"	pipe surface drain.
1,139.70	"	"	6-inch and 8-inch house drain.
Total, 22,748.03	linear feet = 4.31 miles.		

The principal sewerage works completed in this district are as follows:

SEWERS.

Newbury street, between Massachusetts avenue and 270 feet westerly.

House of the Good Shepherd.

Harleston street, between Calumet street and Parker Hill avenue.

SURFACE DRAINS.

Beacon street, between St. Mary's street and Mountville street.

House of the Good Shepherd.

Hemenway street, between Bryant street and Westland avenue.

Huntington avenue, between Tremont street and Wait street.

Bickerstaff street, between Haviland street and Astor street, and many others.

Recommendations.

The sewer in private street and Worthington street should be built to furnish a drain for the normal school on Worthington street, which is about to be constructed.

Surface drains, mentioned in last year's report, should be built in Jersey street, Queensberry street, Huntington avenue, Vila-street district, Fenway lands, Westland entrance, and on the west side of Parker Hill.

Muddy river conduit, mentioned in previous reports, has not been rebuilt.

The old channel of Stony brook, mentioned in previous reports, is still in the same condition. This should be rebuilt, as it is unsafe to travel over, and also because of its unsanitary condition.

Respectfully,

A. L. KIDD,
District Engineer.

FENWAY.—MOVING GATE-HOUSE NO. 2.

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ASTOR, LENOX AND
TILDEN FOUNDATIONS.

REPORT OF WILLIAM F. MAHONEY.

MR. E. S. DORR,
Chief Engineer:

DEAR SIR, — The following is an account of the work performed on Stony brook during the year ending January 31, 1906:

The entire work of building the conduits has been finished. The remainder of the work completed is the superstructure, the conduit connections, the installing of the gates and the setting up of electrical machinery on Gate House No. 1; the forebay, tailbay, sub-structure, superstructure, gates and machinery on Gate House No. 2.

The construction of Gate House No. 2 presented some very complicated features, not generally met with in ordinary construction. To facilitate this work it was necessary to build a coffer-dam of 6-inch tongued and grooved sheeting, which broke twice owing to heavy rain storms and high tides occurring simultaneously. This was overcome by building a second dam outside and puddling between. A siphon was also built beneath the 12 feet by 12 feet structure to grade 12.00, in which peat and quicksand were encountered, and the gases emanating from the peat overcame the workmen to such an extent that they were obliged to work in two-hour shifts. The drainage at this point likewise presented many difficulties, as did also the excavation of silt which had been accumulating for years.

The work of extending the covered channels should be continued from Green street to Forest Hills to alleviate the damage caused by the heavy floods which generally occur every winter. Surveys and plans have been completed as far as Forest Hills, and surveys for the extension of the brook to the Hyde Park line are being made.

The old channel from the gate house to Elmwood street should be rebuilt immediately. That portion especially which lies between Tremont street and Vernon street is in such a dilapidated condition that it is a constant menace to life and health. In places the covering over the channel consists of rotten timbers and broken slabs and has to be repaired frequently. The entire channel needs rebuilding, and surveys and plans for this work have already been completed.

The work completed for this year is:

Superstructure and machinery Gate House No. 1.

The entire structure of Gate House No. 2.

97 linear feet 12-foot by 12-foot reinforced concrete conduit.

97 linear feet 10-foot by 7-foot 6-inch reinforced concrete conduit.

24.86 linear feet 7-foot reinforced concrete conduit; 3 manholes; 225 linear feet 10-inch pipe under-drain.

Yours respectfully,

WILLIAM F. MAHONEY,

Resident Engineer Stony Brook Improvement.

REPORT OF CHARLES L. WEEKS.

MR. E. S. DORR,

Chief Engineer.

DEAR SIR, — The portion of the Fens pond between Agassiz road and the gate house was dredged in 1904. A detailed description of this work is contained in last year's report. Dredging commenced in September and continued until ice in the Charles river and ponds caused a shutdown in January, 1905. The material dredged from the ponds was pumped to a crib in the Charles river and there redredged into scows and towed to sea. The dredging in 1905 was commenced June 1, and ended January 28, 1906, being in that portion of the ponds from gate houses towards Brookline avenue; and, also, the portion dredged in 1904 was redredged on account of deposits from Stony brook channels flowing into the basin, where formerly the mud in the basin was at such a height that it acted as a dam to the Stony brook channels, and the deposits remained in those channels.

The quantity of the material dredged in the Fens ponds varies from Mr. Freeman's estimate contained in the Charles River Dam Report. The total amount dredged in the Fens ponds in 1904 was 63,500 cubic yards, of which 13,000 cubic yards came down from Stony brook since Mr. Freeman's estimate and during the time of dredging. In 1905, 41,000 cubic yards was dredged, of which 26,000 cubic yards was from Stony brook. Below Agassiz road remains 26,000 cubic yards, and in that part of the ponds, filled at the request of the Park Department, there was 15,000 cubic yards before filling was begun. This makes a total of 145,000 cubic yards

FENS DREDGING PLANT.

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ASTOR, LENOX AND
TILDEN FOUNDATIONS.

of material, of which 104,000 cubic yards has been removed, or the whole of the material above Agassiz road except that portion which the Park people have filled for playground.

After being tied up by the ice, dredging could have been resumed by the 1st of March, 1905, but was delayed on account of discussions between Mayor Collins, the Park Department, City Engineer Jackson and the Sewer Division, relative to the disposal of the remaining sludge in the Fens ponds above Agassiz road.

The Park Department wished to have this material pumped to be discharged into a basin in the upper end of the ponds, which they contemplated filling for a playground. Mayor Collins approved the position of the Park Department in this respect, inasmuch as a saving could be made by discontinuing pumping to the crib in the Charles river and thereby saving rentals on the dredge, scows and tow-boats in the Charles river.

Against this proposition the Sewer Division protested, and their contention that a nuisance would be created by pumping the filthy sludge into another part of the ponds was justified by complaints regarding the odors that came from the partially filled hole, not only during pumping, but at all times afterwards. This discussion dragged along, and it was not until June 1 that dredging was resumed, the Park Department having gained their point. The pipe line was changed from the river and sludge was pumped as filling for the proposed playground. Pumping continued in this place until August 26, when 23,000 cubic yards of material had been deposited.

Complaints regarding odors were frequent, and on August 26, at the request of the Park Department, discharging into this sink-hole was stopped; the pipe line was changed over, so that discharge would go into the crib in the Charles river.

In the meantime the Superintendent of Streets on June 15 ordered the contractor to remove his dredge, scows and tow-boats from the work, so when pumping was resumed on September 15 the material pumped was discharged into the crib and then flowed into the Charles river.

Pumping was continued until January 27, 1906, and 22,000 cubic yards had been dredged and discharged into the river.

The portion above Agassiz road is clean, and small fish are seen in the water where formerly nothing but bacteria reigned supreme.

Respectfully yours,

CHARLES L. WEEKS,
Engineering Inspector.

Summary of Sewer Construction for the Twelve Months ending January 31, 1906.

DISTRICT.	Built by the City either by Contract or Day Labor.	Built by Private Parties.	Total Length Built.
	linear feet.	*linear feet.*	*linear feet.*
City Proper	2,065.98	6,297.00	8,362.98
East Boston	8,018.28	1,185.50	9,203.78
Charlestown	3,151.20	.....	3,151.20
South Boston	7,023.84	.....	7,023.84
Roxbury	43,010.30	990.02	44,000.32
West Roxbury	37,088.63	5,267.02	42,355.65
Dorchester	55,954.10	1,944.95	57,899 05
Brighton	4,403.54	2,234.68	6,638.22
Totals	160,715.87	17,919.17	178,635.04

Summary of Sewer Construction for Five Years Previous to February 1, 1906.

	1901.	1902.	1903.	1904.	1905.
	lin. feet.	*lin. feet.*	*lin. feet.*	*lin. feet.*	*lin. feet.*
Built by the city by contract or day labor	122,092.52	120,871.32	216,667.57	157,077.28	160,715.87
Built by private parties	14,004.67	9,922.02	9,906.96	6,758.47	17,919.17
Totals	136,097.19	130,793.34	226,574.53	163,835.75	178,635.04

Amount of Refuse Removed from Filth Hoist for the Year ending January 31, 1906.

1905.	lbs.
February	49,500
March	75,750
April	50,625
May	102,000
June	55,125
July	47,625
August	86,250
September	90,000
October	85,875
November	93,000
December	131,250
1906.	
January	144,375
	1,011,375 = 451 tons, 1,135 lbs.

Schedule of Sewers Built to Date in the City of Boston, February 1, 1906.

DISTRICT.	Total Length Built During Twelve Months Ending January 31, 1906.	Length Rebuilt and Abandoned During Twelve Months Ending January 31, 1906.	Additional Length for the Twelve Months Ending January 31, 1906.	
	linear feet.	*linear feet.*	*linear feet.*	*Miles.*
City Proper	8,543.98	6,874.74	1,669.24	0.32
East Boston	9,208.78	1,247.53	7,956.25	1.51
Charlestown	3,151.20	885.52	2,265.68	0.43
South Boston	7,023.84	2,422.91	4,600.93	0.87
Roxbury	44,000.32	1,553.96	42,446.36	8.04
West Roxbury	42,355.65	.....	42,355.65	8.02
Dorchester	57,899.05	111.00	57,788.05	10.94
Brighton	6,638.22	.....	6,638.22	1.26
Totals	178,816.04	13,095.66	165,720.38	31.39
Length built previous to January 31, 1906				645.04
Total				676.43
Length of intercepting sewers				24.12
Total				700.55
Total mileage of streets containing sewerage works				454.85

Amount of Sludge Received and Removed from Deposit Sewers during Twelve Months ending January 31, 1906.

MONTH.	Cubic Yards Received.	Cubic Yards Removed.	
1905.			
February	691	824	
March	586	695	
April	1,086	710	
May	1,153	743	Sludge in sewers February 1, 1905, 856 cubic yards.
June	1,063	780	
July	862	695	
August	784	730	
September	883	880	Sludge in sewers February 1, 1906, 992 cubic yards.
October	775	930	
November	830	965	
December	762	940	
1906.			
January	695	1,142	
Totals	10,170	10,034	

Average Daily Amount Pumped at the Pumping Station.

Year.	Gallons.
1902	88,480,680
1903	88,804,669
1904	87,241,730

ENTRANCE FEES, PERMITS AND ASSESSMENTS.

Entrance fees to the amount of $4,043.66 have been collected from estates upon which no sewer assessment was ever paid, in accordance with chapter 38, section 10, of the Revised Ordinances of 1898.

Bills for sewer assessments amounting to $455.27 have been deposited for collection, representing those estates assessed under chapter 456 of the Acts of 1889, and amendments thereto, which have been connected during the year with the sewers for which they were assessed.

One thousand six hundred and fifty (1,650) permits have been issued to licensed drain-layers to make connections with the public sewers, and the work done under these permits has been inspected, and a record of the same made on the plans of this division, in accordance with the provisions of chapter 38, sections 6 and 10, of the Revised Ordinances of 1898.

Seven hundred and seventeen (717) permits have been issued to district foremen and contractors for construction and repairs of sewers and catch-basins.

Plans for the assessment of estates benefited by sewer construction have been furnished the Street Commissioners, representing 60,813 feet of sewers and appurtenances, costing $471,413.

Catch-basins built February 1, 1905, to January 31, 1906.

	Number.	
City Proper	16	1,614,447 linear feet of sewers flushed.
Roxbury	17	11,721 cubic yards material removed from sewers.
Dorchester	54	
West Roxbury	51	8,348 catch-basins cleaned; 19,340 cubic yards removed.
Brighton	16	
Charlestown	0	
East Boston	6	
South Boston	16	
Total	176	

Financial Statement. — Street Department, Sewer Division.

APPROPRIATIONS.	Balances on Hand Feb. 1, 1905.	Appropriations, Loans and Transfers during the Year.	Revenue received during the Year.	Total Credits.	Expenditures during the Year.	Balances on Hand Jan. 31, 1906.
Sewer Division	.....	$380,778 54	$909 24	$381,687 78	$381,687 78	.
Sewerage Works	$2,103 15	1,000,000 00	.....	1,002,103 15	751,179 93	$250,923 22
Separate System of Drainage	259,602 94	600,000 00	.....	859,602 94	784,093 91	75,509 03
Abolishment of Grade Crossings	.....	16,184 24	.....	16,184 24	16,184 24	
Atlantic-avenue Extension	.....	1,604 16	.....	1,604 16	1,604 16	
Totals	$261,706 09	$1,998,566 94	$909 24	$2,261,182 27	$1,934,750 02	$326,432 25

OBJECTS OF EXPENDITURES.

Pumping Station and Moon Island,		$117,411 94	
Tow-boat . .	$13,349 57		
Less paid by Sanitary Division . . .	6,348 58		
		7,000 99	
Main and intercepting sewers .		21,637 68	
			$146,050 61

Pumping Station, Lyons Street, Dorchester.

Maintenance			9,290 38

Stony Brook.

Maintenance			6,321 99

Miscellaneous Maintenance Charges.

Office and engineering force, salaries and expenses,			31,684 96
Current expenses of yard, lockers, stables, etc.		$79,826 30	
Less amount earned by division teams and engines . . .		22,262 15	
			57,564 15
Repairing and cleaning catch-basins, sewers and general repairs			99,017 64
House connections, work for other departments, incidentals, etc.			31,874 32
Hardware, tools, rubber goods, etc. . . .			1,106 12
Telephones not included elsewhere . . .			1,625 91
			$384,536 08
Less decrease of stock at yards			2,848 30
			$381,687 78

SEWERAGE WORKS.

Pumping Station and Moon Island . . .			$147,920 31

Sewer Construction.

South Boston		$22,317 82	
East Boston		9,792 81	
Charlestown		25,906 86	
Brighton		7,124 80	
West Roxbury		79,845 13	
Dorchester		48,138 70	
Carried forward . . .		$193,126 12	$147,920 31

Brought forward . . .	$193,126 12	$147,920 31
Roxbury	13,345 70	
City Proper	49,409 21	
		255,881 03

Miscellaneous Construction Charges.

Engineering force, salaries and expenses . .	75,032 00
Hardware, tools, rubber goods and damages . .	17,623 49
New manholes	5,489 23
New catch-basins	15,892 55
Office salaries and labor	48,025 66
Advertising, fuel and oil, incidentals, car tickets, holiday	13,502 60
Foul flow channel, Stony brook improvement, construction and engineering	171,813 06
	$751,179 93

SEPARATE SYSTEMS OF DRAINAGE.

Sewer Construction.

South Boston	$88,556 17
East Boston	77,595 81
Charlestown	16,418 11
Brighton	12,285 12
West Roxbury	94,831 75
Dorchester	243,157 14
Roxbury	175,554 01
City Proper	11,794 14
	$720,192 25
Engineers' salaries, advertising, incidentals and holiday	63,901 66
	$784,093 91

ATLANTIC-AVENUE EXTENSION.

Sewer construction	$1,604 16

ABOLISHMENT OF GRADE CROSSINGS.

Sewer Construction.

East Boston	$14,000 94
Dorchester	2,183 30
	$16,184 24

RECAPITULATION.

Street Department, Sewer Division	$381,687 78
Sewerage Works	751,179 93
Separate Systems of Drainage	784,093 91
Abolishment of Grade Crossings	16,184 24
Atlantic-avenue Extension	1,604 16
	$1,934,750 02

Real Estate in Charge of the Sewer Division.

OWNED BY CITY.	ASSESSED VALUATION.	
	Land.	Buildings.
Sewer yard, 678 Albany street, South End	$56,400	$3,000
Gate-house, Columbus avenue, Roxbury	.....	.....
Sewer yard, Rutherford avenue, Charlestown	13,000	4,000
Sewer yard, Massachusetts avenue, near Albany street, South End	56,400	3,000
Sewer yard, Western avenue, Brighton	8,600	5,500
Pumping station, Old Harbor Point, Dorchester	98,000	300,000
Land, buildings and reservoirs at Moon Island and Squantum	19,500	4,300
Sewer yard, North Grove street, West End. (Occupied in common with other divisions of the Street Department)	66,720	28,000
Sewer yard, Child and South streets, West Roxbury. (Occupied in common with Paving Division)	19,300	3,000
Pumping station, Lyons street	1,200	6,600
Gate-houses, Back Bay Fens	.....	.....
LEASED.		
Sewer yard, Revere street, West End. (Occupied in common with Paving Division. Leased from J. J. Costello)	76,500	3,500
Sewer yard, Eagle street, East Boston. (Occupied in common with other divisions. Leased from trustees of Glendon Company)	.....	.....
Sewer yard, Old Harbor street and Columbia road, South Boston. (Office building owned by Sewer Division. Leased from estate of Choate Burnham)	4,800	3,200
Sewer yard, Gibson street, Dorchester. (Buildings erected by Sewer division. Leased from trustees of Gibson School Fund)	7,000	5,000

South Boston.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
A street	Gold street and West Fourth street	176.49	15-inch pipe	Day labor. Separate systems of drainage. Rebuilt.
A street	Binford street and Congress street	981.92	24-inch pipe	Day labor. Separate systems of drainage. Rebuilt.
Congress street	Fort Point Channel and A street	92.97	20-inch pipe	Day labor. Separate systems of drainage. Rebuilt.
		746.70	15-inch pipe	
	A street and N.Y., N.H. & H. R.R.	284.50	12-inch pipe	
		1,017.45	10-inch pipe	
Champney street	Columbia road and Old Colony avenue	569.00	12-inch pipe	Contract. Sewerage works.
Q street	East Second street and East Third street,	289.40	12-inch pipe	Contract. Sewerage works.
Vale street	Columbia road and tidewater	245.50	6 feet 6 inches, circular brick,	Day labor. Sewerage works. Rebuilt.

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

A street	Binford street and Congress street	233.12	4 feet, circular brick	Day labor. Separate systems of drainage.
		223.53	3 feet, circular brick	
		360.30	2 feet 6 inches, circular brick,	
		132.90	18-inch pipe	
Congress street	Fort Point Channel and N.Y., N.H. & H. R.R.	437.41	4 feet 6 inches, circular brick,	Day labor. Separate systems of drainage.
		458.35	4 feet, circular brick	
		160.00	12-inch pipe	
Dorchester street	Broadway and Eighth street	174.00	10-inch pipe	Contract. Sewerage works.
Thomas park		58.50	12-inch pipe	Contract. Sewerage works.
		281.80	10-inch pipe	

East Boston.

Sewers built between February 1, 1905, and February 1, 1906, by the City either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Bennington street and Outlet		170.12	24-inch, brick	Contract. Abolishment of grade crossings.
		227.20	18-inch pipe	
		15.00	12-inch iron pipe	
		96.00	20-inch iron pipe	
		.....	1 tide-gate; 1 sump; 1 regulator connection with Metropolitan Sewer	
Curtis street	Chelsea street and Pope street	272.68	24-inch iron pipe	Contract. Abolishment of grade crossings.
East Boston low level sewer in Kneller street	Addison street and Trumbull street	133.50	3 feet, circular brick	Contract.
		1,288.14	3 feet, circular brick	Day labor. Separate systems of drainage.
East Boston low level sewer in private land (Kneller-street extension)	Trumbull street and Boardman street	226.08	3 feet, circular brick	Contract.
		352.27	36-inch iron pipe	
East Boston low level sewer in Boardman street	Outlet in private land and Saratoga st	560.00	3 feet, circular brick	Day labor. Separate systems of drainage.
Frankfort street	Neptune avenue and Swift street	525.57	12-inch pipe	Contract. Separate systems of drainage.
		199.74	12-inch pipe	Day labor.
		93.21	15-inch pipe	
Gladstone street	Tower street and 350 feet east	175.00	12-inch pipe	Contract. Sewerage works.
Marion street	Bremen street and Orleans street	55.75	24-inch pipe	Contract. Sewerage works.
		41.70	18-inch pipe	
Meridian street	Havre street and Paris street	185.90	10-inch pipe	Contract. Sewerage works.
		70.55	15-inch pipe	
Moore street intercepter in Trumbull street	Kneller street and Saratoga street	700.00	24-inch, brick	Day labor. Separate systems of drainage.
Prescott street	Bremen street and Cleveland street	137.23	24-inch pipe	Contract. Sewerage works.
		164.68	18-inch pipe	
		248.33	15-inch pipe	
		3.76	12-inch pipe	

Sewers built between February 1, 1905, and February 1, 1906, by Private Parties.

Cottage street	Maverick street and Gove street	582.03	12-inch pipe.	
Frankfort street	Gove street and Porter street	350.55	12-inch pipe.	
Gove street	Orleans street and Frankfort street	252.92	12-inch pipe.	

Surface drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Horace street	Moore street and Byron street	609.10	12-inch pipe	Contract. Separate systems of drainage.
Porter-street outlet	Frankfort street and Bremen street	11.33	4 feet, circular concrete	Contract. Abolishment of grade crossings.
		100.00	7 ft. 6 in. × 4 ft. 6 in., concrete.	
		331.20	7 ft. 6 in. × 5 ft. 9 in., concrete.	
		16.00	Concrete reducer	
		8.00	Concrete increaser	
Wordsworth street	Saratoga street and Pope street	499.15	15-inch pipe	Contract. Separate systems of drainage.
		501.09	12-inch pipe	

Charlestown.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Bunker Hill street	Vine street and Chelsea street	808.86	12-inch pipe	Day labor. Separate systems of drainage.
Bunker Hill street	Decatur street and Chelsea street	40.00	12-inch pipe	Day labor. Separate systems of drainage.
Decatur street	Vine street and Bainbridge street	290.33	12-inch pipe	Contract. Separate systems of drainage.
Decatur street	Vine street and Bunker Hill street	229.90	12-inch pipe	Day labor. Separate systems of drainage.

Charlestown. — *Concluded.*

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Moulton street	Vine street and Bunker Hill street	191.30	12-inch pipe	Day labor. Separate systems of drainage.
Rutherford avenue	Outlet and Dunstable street	50.00	6 feet 6 inches, circular brick,	Day labor. Rebuilding sewerage works.
Rutherford avenue	Tibbets Town Way and Essex street	747.52 32.00 26.00 30.00	4 feet 3 inches, circular brick, 5 feet 9 inches, circular brick, 24-inch pipe 18-inch pipe	Day labor. Rebuilding sewerage works.
Tufts street	Bunker Hill street and Princeton street,	405.16	12-inch pipe	Contract. Separate systems of drainage.
Vine street	Chelsea street and Bunker Hill street	300.13	12-inch pipe	Day labor. Separate systems of drainage.

Brighton.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Allston place	Woodstock avenue and Corey road	279.08	12-inch pipe	Day labor. Separate systems of drainage.
Champney street	Washington street and Stratton street	675.04	12-inch pipe	Contract. Separate systems of drainage.
Corey road	Summit avenue and 200 feet southwesterly	219.78	10-inch pipe	Contract. Sewerage works.
Kingsley street	Rena street and North Harvard street	775.42	12-inch pipe	Contract. Sewerage works.

Sewers built between February 1, 1905, and February 1, 1906, by Private Parties.

Harvard avenue	Commonwealth avenue and Summit avenue 300 feet northerly	231.21	12-inch pipe.	
Private street No. 867	Corey road and Commonwealth avenue,	529.20	8-inch pipe.	
Private street No. 868	Private street No. 867 and Cummings road	624.17	8-inch pipe.	
Private land (Prospect avenue extension)	Corey road and Brookline line	163.00	10-inch pipe.	

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Allston place	Woodstock avenue and Corey road	315.60	24-inch pipe	Contract. Separate systems of drainage.
Commonwealth avenue and Allston street	Northerly line of Commonwealth avenue and Warren street	426.82	30-inch brick	Contract. Separate systems of drainage.
Corey road	250 feet north of Cummings road and private street 200 feet northerly	213.00	15-inch pipe	Contract. Separate systems of drainage.
Sutherland road and Lanark road	Commonwealth avenue and Kinross road	693.17	12-inch pipe	Contract. Separate systems of drainage.
Warren street	Allston street and Woodstock avenue	523.07	30-inch brick	Contract. Separate systems of drainage.
Woodstock avenue	Warren street and Allston place	282.61	24-inch pipe	Contract. Separate systems of drainage.

Surface Drains built between February 1, 1905, and February 1, 1906, by Private Parties.

Private street No. 867	Corey road and Commonwealth avenue,	529.10	12-inch pipe.	
Private land (Prospect avenue extension)	Corey road and Brookline line	158.00	12-inch pipe.	

West Roxbury.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Addington road, private land, and Dunbar street	Weld street and Willow street	1,215.05	12-inch pipe	Day labor. Sewerage works.
Allen street	Rowe street and Brown avenue	319.25	10-inch pipe	Contract. Sewerage works.
Arthur street	Dunbar street and Weld street	292.00	12-inch pipe	Contract. Sewerage works.
Ashland street	Rowe street and Brown avenue	589.78	10-inch pipe	Contract. Sewerage works.
Ashland street	Canterbury street and Sutton street	40.00	12-inch pipe	Contract. Sewerage works.
Avalon road	Addington road and Weld street	22.00	12-inch pipe	Contract. Sewerage works.
Baker street	Gardner street and Baker place	1,634.46	12-inch pipe	Day labor. Sewerage works.
		1,728.45	6-inch pipe, house drain	
Belgrade avenue, Section 2	Aldrich street and Anawan avenue	109.85	12-inch pipe	Day labor. Separate systems of drainage.
		23.04	15-inch pipe	
		1,760.71	6-inch pipe, house drain	
Bellevue street	Old L. H., about 150 feet southeast of Martin street and Robin street	413.78	12-inch pipe	Contract. Sewerage works.
Brook street	Orange street and Bellevue street	189.73	12-inch pipe	Contract. Sewerage works.
Brookfield street	South Fairview street and South street	379.38	10-inch pipe	Contract. Sewerage works.
Cheshire street	End of existing sewer and end of street,	200.15	10-inch pipe	Contract. Sewerage works.
Fairview street	Millwood street and Proctor street	148.80	10-inch pipe	Contract. Sewerage works.
Garden street	Maple street and 190 feet westerly	349.56	10-inch pipe	Contract. Sewerage works.
Havey street	Dudley avenue and 200 feet southwesterly	199.70	12-inch pipe	Contract. Sewerage works.
Hyde Park avenue, Section 2	Larch place and Ashland street	1,901.30	12-inch pipe	Day labor. Sewerage works.
		42.25	10-inch pipe	
Jewett street	Mt. Hope street and Neponset avenue	779.60	10-inch pipe	Contract. Sewerage works.
Larch place	Hyde Park avenue and N.Y., N.H. & H. R. R.	180.17	10-inch pipe	Contract. Sewerage works.
La Grange street	Landseer street and Linnet street	381.30	12-inch pipe	Contract. Sewerage works.
Linden street	Belgrade avenue and Penfield street	350.11	10-inch pipe	Contract. Sewerage works.
Morton street	Washington street and 200 feet easterly	226.85	12-inch pipe	Day labor. Sewerage works.
		12.00	12-inch iron pipe	
Montclair avenue	Fletcher street and 80 feet easterly	79.60	12-inch pipe	Contract. Sewerage works.
Mt. Hope street	Stony Brook and 480 feet northwesterly,	444.00	12-inch pipe	Contract. Sewerage works.

Mt. Hope street	480 feet north of Stony brook and Hyde Park avenue	611.13	12-inch pipe	Day labor. Sewerage works.
Mt. Hope street	Lawn street and Stony brook	205.00	12-inch pipe	Day labor. Sewerage works.
Neponset avenue	Hyde Park avenue and 550 feet easterly,	525.04	12-inch pipe	Contract. Sewerage works.
Penfield street	Amherst street and Linden street	395.43	10-inch pipe	Contract. Sewerage works.
		226.22	12-inch pipe	
Private land	Addington road and Walker street	338.00	12-inch pipe	Contract. Sewerage works.
Private land	Mt. Hope street and Neponset avenue	1,025.00	12-inch pipe	Contract. Sewerage works.
Private land and Rowe street	Hyde Park avenue and Ashland street	249.06	12-inch pipe	Day labor. Separate systems of drainage.
Robin street	Bellevue street and Park street	479.86	12-inch pipe	Contract. Sewerage works.
Rowe street	Private way 60 feet northeast of Ashland street and Allen street	347.00	12-inch pipe	Contract. Sewerage works.
South street	Edgemont street and Guernsey street	309.69	12-inch pipe	Contract. Sewerage works.
South Fairview street	Dudley avenue 470 feet west	235.50	12-inch pipe	Contract. Sewerage works.
Talbot-avenue high level sewer, Section 1, in Ashland street and private land	Metropolitan high level sewer and northeasterly side of Ashland street	111.00	4 feet 3 inches, circular brick connection with Metropolitan sewer	Contract. Separate systems of drainage.
Talbot-avenue high level sewer, Section 5	Canterbury brook and Morton street	390.00	4 feet 3 inches, circular brick.	Contract. Separate systems of drainage.
Washington street, about 770 feet northeast from Whipple avenue	.....	.....	Connection with Metropolitan sewer	Day labor. Separate systems of drainage.
Willow street	Dunbar street and Weld street	1,126.57	12-inch pipe	Day labor. Sewerage works.

Sewers built between February 1, 1905, and February 1, 1906, by Private Parties.

Asticou road	Walk Hill street and South street	492.25	12-inch pipe.	
Beaufort street	Centre street and Board of Survey street No. 1346	499.39	12-inch pipe.	
Case street	Centre street and 300 feet north of Dane street	1,192.27	12-inch pipe.	
Lakeville place	Centre street and street No. 1346	553.34	12-inch pipe.	
Maxfield street	LaGrange street and Bellevue street	630.26	12-inch pipe.	
Moss Hill road	Pond street and Woodland road	970.03	12-inch pipe.	
Woodland road	Pond street and 900 feet easterly	929.48	12-inch pipe.	

West Roxbury. — *Concluded.*

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Albano street	Washington street and Kittredge street,	736.95	12-inch pipe	Contract. Separate systems of drainage.
Amherst street	Belgrade avenue and Penfield street	550.39	12-inch pipe	Contract. Separate systems of drainage.
Amherst street	Roslindale brook and Dudley avenue	12.00 545.87 168.91	20-inch iron pipe 18-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Beech street	Cypress street and Washington street	121.10	12-inch pipe	Contract. Sewerage works.
Belgrade avenue	Malcolm street and Beech street	295.84 443.50	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Belgrade avenue, Section 2	Aldrich street and Anawan avenue	903.55 1,579.55 280.82	12-inch pipe 30-inch brick 10-inch pipe, catch-basin drain 20 catch-basins	Day labor. Separate systems of drainage.
Birch street	Roslindale brook and Dudley avenue	587.41 12.00 250.75	18-inch pipe 20-inch iron pipe 12-inch pipe	Contract. Separate systems of drainage.
Centre and Billings streets	Easterly side of Centre street and George street	336.88	5 feet × 3 feet 4 inches, concrete conduit	Contract. Sewerage works.
Clement avenue	Stratford avenue and Flora street	301.88	15-inch pipe	Contract. Separate systems of drainage.
Colberg avenue	Belgrade avenue and Lorraine street	544.11 701.20	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Flora street	Clement avenue and Kenneth street	601.04	12-inch pipe	Contract. Separate systems of drainage.
Florence street	Poplar street and 350 feet northeast Ashland street	499.00	12-inch pipe	Contract. Separate systems of drainage.
Houston, Metcalf and Penfield streets	Roslindale brook and Belgrade avenue,	321.70 286.77	15-inch pipe 18-inch pipe	Contract. Separate systems of drainage.
Hyde Park avenue, Section 2	Larch place and Ashland street	39.25 1,990.66 120.40	15-inch pipe 12-inch pipe 10-in. pipe, catch-basin drain, 15 catch-basins	Day labor. Sewerage works.

Kenneth street	Flora street and Stratford avenue	249.80	12-inch pipe	Contract. Separate systems of drainage.
Lorraine street	Belgrade avenue and Colberg avenue	825.39	12-inch pipe	Contract. Separate systems of drainage.
Malcolm street	Belgrade avenue and Colberg avenue	200.18 600.06	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Montello street	Belgrade avenue and Colberg avenue	815.65	12-inch pipe	Contract. Separate systems of drainage.
Rexhame street	Belgrade avenue and Colberg avenue	524.05	12-inch pipe	Contract. Separate systems of drainage.
Roslindale branch of Stony brook in private land	Cohasset street and Linden street	181.00	8 feet, circular concrete	Day labor. Separate systems of drainage.
Washington street	Auburn street and Beech street	123.75	24-inch pipe	Day labor. Separate systems of drainage.
Washington street	Kittredge street and Albano street	440.58 309.77	15-inch pipe 18-inch pipe	Contract. Separate systems of drainage.

North Dorchester.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Church street	Bowdoin street and Winter street	362.15	12-inch pipe	Contract. Sewerage works.
Cunningham street	Howard avenue and Hartford street	72.00	10-inch pipe	Contract. Separate systems of drainage. In progress.
Dorchester-brook sewer		125.00	24-inch pipe	Contract. Sewerage works. In progress.
Hamilton street	Coleman street and Bowdoin street	280.50	12-inch pipe	Contract Sewerage works.
Harvard street	Washington street and Chamberlain	44.00	12-inch pipe	Contract. Separate systems of drainage. Rebuilt.
Mt. Everett street	Quincy street and 480 feet south	67.00	12-inch pipe	Contract. Separate systems of drainage. Rebuilt.
Prescott place	Church street and 300 feet south	254.60	12-inch pipe	Contract. Sewerage works.
Private land	Moseley street and Columbia road	180.50	12-inch pipe	Contract. Sewerage works.

North Dorchester. — *Concluded.*

Sewers built between February 1, 1905, and February 1, 1906, by Private Parties.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Board of Survey street No. 1831	Norton street and Olney street	329.68	12-inch pipe.	
Cameron street	Dorchester avenue and 350 feet west	349.70	12-inch pipe.	
Doris-street extension	Dorchester avenue and Gardner avenue,	207.15	12-inch pipe.	
Gardner avenue	Savin Hill avenue and end	315.57	12-inch pipe.	
Kingsdale street	Wales street and existing sewer	244.90	12-inch pipe.	
Norton street	Old sewer and Board of Survey street No. 1831	192.75	12-inch pipe.	

Surface Drains built between February 1, 1905, and Februarg 1, 1906, by the City, either by Contract or Day Labor.

Bellevue street and outlet in Kane street	Quincy street and Stanley street	556.35	12-inch pipe	Contract. Separate systems of drainage.
Blakeville street	Olney street and 350 feet south	339.75	12-inch pipe	Contract. Separate systems of drainage.
Board of Survey street No. 1831	Norton street and Olney street	348.65	12-inch pipe	Contract. Separate systems of drainage.
Bullard street	Rosseter street and Bowdoin avenue	521.30	12-inch pipe	Contract. Separate systems of drainage.
Charlotte street	Blue Hill avenue and Bradshaw street	591.90	12-inch pipe	Contract. Separate systems of drainage.
Cunningham street	Howard avenue and Hartford street	452.00	12-inch pipe	Contract. Separate systems of drainage. In progress.
Dewey street	Blue Hill avenue and Howard avenue	531.90	12-inch pipe	Contract. Separate systems of drainage.
Dove street	Dacia street and Blue Hill avenue	238.00 18.00	12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Fayston street	Blue Hill avenue and Mascoma street	218.75 178.75 798.20 28.00	18-inch pipe 15-inch pipe 12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.

Greenheys street	Magnolia street and Mascoma street	429.45	12-inch pipe	Contract. Separate systems of drainage.
Hartford street	Wayland street and Chamblet street	640.00 20.00	12-inch pipe 10-inch pipe	Contract. Separate systems of drainage. In progress.
Harvard street	Washington st. and Chamberlain st.	19.10 468.45	20-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Kineo street	Mascoma street and Magnolia street	360.10	12-inch pipe	Contract. Separate systems of drainage.
Kingsdale street	Bernard street and end of public street,	572.15	12-inch pipe	Contract. Separate systems of drainage.
Lawrence avenue	Lawrence park and Magnolia street	798.33	12-inch pipe	Contract. Separate systems of drainage.
Magnolia street	Quincy street and Lawrence avenue	278.30 389.95	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Mascoma street	Quincy street and Lawrence avenue	224.75 299.95 14.00	15-inch pipe 12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Mt. Everett street	Quincy street and 480 feet south.	408.05	12-inch pipe	Contract. Separate systems of drainage.
Norton street	Board of Survey street No. 1831 and 200 feet south	201.65 26.80	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Olney street	Bowdoin street and Rock terrace	429.80 173.00 357.45 24.00	20-inch pipe 15-inch pipe 12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Quincy street	Columbia road and Stanley street	147.55 263.40 41.00 4.00	18-inch pipe 15-inch pipe 10-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Richfield street	Pilgrim place and Olney street	267.50 491.70 255.00 22.00	24-inch pipe 15-inch pipe 12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Sargent street	Howard avenue and Hartford street	361.45 667.15 24.00	15-inch pipe 12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Stanley street	Quincy street and Sunset circle	498.45	12-inch pipe	Contract. Separate systems of drainage.
Woodcliff street	Howard avenue and Blue Hill avenue	254.40 227.20	24-inch pipe 12-inch pipe	Contract. Separate systems of drainage.

South Dorchester.

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Adams street	Butler street and Medway street	462.16	12-inch pipe	Contract. Separate systems of drainage. Rock.
Alban street	Ashmont street and Welles avenue	1,411.90	12-inch pipe	Contract. Separate systems of drainage.
Armandine street	500 feet west of Washington street and Milton avenue	878.10	18-inch pipe	Contract. Separate systems of drainage. Some rock.
Ashmont street	Waldorf street and Alban street	550.80 348.55	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Birch street	Callender street and Lauriat avenue	313.00	24-inch pipe	Contract. Separate systems of drainage.
Brent street	Wainwright st. and Washington st.	194.70 207.60 397.20	20-inch pipe 18-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Canterbury branch of Stony brook	Harvard street and Don street	980.50	10 feet × 8 feet 6 inches, brick,	Day labor. Separate systems of drainage. Rock.
Centre street	Seaborn street and Washington street	720.00	12-inch pipe	Contract. Separate systems of drainage.
Darling street	Southern avenue and Norfolk street	440.12	12-inch pipe	Contract. Separate systems of drainage. Some rock.
Evelyn street	Norfolk street and Blue Hill avenue	830.20	12-inch pipe	Contract. Separate systems of drainage.
Fairmount street	Milton avenue and Nevada street	600.55	12-inch pipe	Contract. Separate systems of drainage.
Fessenden street	Blue Hill avenue and Norfolk street	35.00	12-inch pipe	Contract. Separate systems of drainage.
Fremont street	Blue Hill avenue and Norfolk street	186.05	12-inch pipe 2 catch-basins	Abolition of Oakland-street grade crossing.
Harley street	Welles avenue and Roslin street	691.42	12-inch pipe	Contract. Separate systems of drainage.
Jones avenue	Ballou avenue and Mascot street	257.87 490.10	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Kenwood street	Washington street and Allston street	861.63 250.00	18-inch pipe 12-inch pipe	Contract. Separate systems of drainage.

Mattapan street	Blue Hill avenue and Summit, 540 feet westerly	600.02	12-inch pipe	Contract. Separate systems of drainage. Some rock.
Melville avenue	Waldeck street and Washington street	1,851.80	12-inch pipe	Contract. Separate systems of drainage.
Middleton street	Wildwood street and Norfolk street	569.70	12-inch pipe	Contract. Separate systems of drainage. Some rock.
Milton avenue	Edson street and Fairmount street	474.50 1,896.04	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Mora street	Washington street and Milton avenue	979.10	12-inch pipe	Contract. Separate systems of drainage. Some rock.
Moultrie street	Washington street and Allston street	971.14	12-inch pipe	Contract. Separate systems of drainage.
Norfolk street	Morton street and Mascot street	763.83	12-inch pipe	Contract. Separate systems of drainage.
Oak terrace and outlet in Lyons street	Callender street and Birch street	149.95 499.00	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Oakland brook	N.Y. N.H. & H. R.R. and Randolph st.	197.00	5 feet, brick	Day labor. Sewerage works.
Oakridge street	Morton street and Codman street	651.95	12-inch pipe	Contract. Separate systems of drainage. Rock.
Oakwood street	Norfolk street and Torrey street	584.40	12-inch pipe	Contract. Separate systems of drainage.
Ocean street	Ashmont street and Welles avenue	1,376.18	12-inch pipe	Contract. Separate systems of drainage.
River street	Mattapan square and Hyde Park line	1,757.85 113.00	15-inch pipe 10-inch pipe 6 catch-basins	Contract. Separate systems of drainage. Rock.
Rockville street	Oakland street and Blue Hill avenue	36.00	12-inch pipe	Contract. Separate systems of drainage.
Rockwell street	Washington street and Milton avenue	990.45	12-inch pipe	Contract. Separate systems of drainage.
Roslin street	Washington street and Ocean street	303.85 334.20 240.35	20-inch pipe 15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Sanford street	Sturbridge street and 300 feet easterly	312.44	24-inch pipe	Contract. Separate systems of drainage. Rock.
Stockton street	Washington street and Milton avenue	717.80	12-inch pipe	Contract. Separate systems of drainage.
Sturbridge street	Monson street and Sanford street	334.44	24-inch pipe	Contract. Separate systems of drainage.
Tenean creek	Mill street and Park street	122.00	14 ft. × 12 ft., brick conduit	Day labor. Sewerage works.
Tileston avenue	Blue Hill avenue and 530 feet westerly	525.03	12-inch pipe	Contract. Separate systems of drainage.
Tremlet street	Waldeck street and Washington street	873.45	12-inch pipe	Contract. Separate systems of drainage.

South Dorchester. — *Concluded.*

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Walton street	Washington street and Harley street	469.80	12-inch pipe	Contract. Separate systems of drainage.
Welles avenue	Wainwright st. and Washington st.	209.80 345.27 774.85	18-inch pipe 15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Wheatland avenue	Whitfield street and Washington street	799.80	12-inch pipe	Contract. Separate systems of drainage.
Willowwood st. and Ballou ave.	Dumas street and Norfolk street	661.36	24-inch pipe	Contract. Separate systems of drainage.
Wilmington avenue	Milton avenue and Nevada street	620.62	12-inch pipe	Contract. Separate systems of drainage.
Withington street	Norfolk street and Torrey street	345.40 204.92	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Woolson street	Blue Hill avenue and Norfolk street	1,152.65	12-inch pipe	Contract. Separate systems of drainage.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Adams street	Ashmont street and 200 feet northerly	200.30	12-inch pipe	Contract. Sewerage works.
Ashmont street	Elm place and Adams street	600.00	12-inch pipe	Contract. Sewerage works.
Ashmont street	Elm place and Adams street	70.80	12-inch pipe	Day labor. Sewerage works.
Boutwell street	Neponset avenue and Train street	229.50	12-inch pipe	Contract. Sewerage works.
Dorchester high level sewer, Section 2	Mattapan square and Fremont street	12.00	4 feet 9 inches, brick	Contract. Separate systems of drainage. Rock.
Dorchester high level sewer	At Hyde Park line	39.00	4 feet 9 inches, brick	Day labor. Connection with Metropolitan high level sewer. Separate systems of drainage.
Freeport street	Dorchester intercepting sewer and Neponset avenue	698.80	12-inch pipe	Contract. Sewerage works.

Groveland street	River street and Manchester street	449.55	12-inch pipe	Contract. Sewerage works.
Harvard street	Austin street and 250 feet southerly	250.30	12-inch pipe	Contract. Sewerage works.
Hollingsworth street	Oakland street and 560 feet southerly	389.33	12-inch pipe	Contract. Sewerage works. Rock.
Outlet for Hollingsworth street in private land	Rosewood and Hollingsworth streets	250.50	12-inch pipe	Contract. Sewerage works. Rock.
Richmond street	Dorchester avenue and Washington street	196.33	12-inch pipe	Contract. Sewerage works. Rock.
River street	Idaho street and Groveland street	314.15	12-inch pipe	Contract. Sewerage works.
Roslin street	Washington street and Ocean street	263.77	12-inch pipe	Contract. Sewerage works.
Talbot avenue high level sewer, Section 6	Proposed street and Harvard street	655.26	4 feet 3 inches, brick	Contract. Separate systems of drainage.
Talbot-avenue high level sewer	Harvard street and Don street	1,019.74	4 feet 3 inches, brick	Day labor. Separate systems of drainage. Rock.
Walk Hill street	Existing sewer and Almont street	535.00	12-inch pipe	Contract. Sewerage works.

Sewers built between February 1 1905, and February 1, 1906, by Private Parties.

Sewall street	Pope's Hill street and Neponset avenue,	305.20	12-inch pipe.	

Roxbury.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Cherokee street	Hillside street and angle	178.12	12-inch pipe	Contract. Sewerage works. Private. 111 yards rock.
Harleston street	Calumet street and Parker Hill avenue	221.63	10-inch pipe	Contract. Sewerage works. Private.
House of Good Shepherd		808.55	12-inch pipe	Day labor. Private.
Newbury street	Massachusetts avenue and 270 feet westerly	249.66	12-inch pipe	Day labor. Rebuilding.
Parker Hill avenue	End of old sewer and Harleston street,	117.43	12-inch pipe	Contract. Sewerage works.
Passageway between Beacon and Ivy streets	St. Mary's street and Mountfort street	8.00	12-inch pipe	Contract. Separate systems of drainage.

Sewers built between February 1 1905, and February 1, 1906, by Private Parties.

Mission street	Calumet street and Parker Hill avenue,	209.72	10-inch pipe	Release.

Roxbury. — *Continued.*

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Beacon street	St. Mary's street and Mountfort street	771.00 508.50 171.60	15-inch pipe 12-inch pipe 10-inch pipe, catch-basin drain	Contract. Separate systems of drainage.
Bickerstaff street	Haviland street and Astor street	675.86	12-inch pipe	Contract. Separate systems of drainage.
Binney street	Longwood avenue and Smyrna street	408.05	12-inch pipe	Contract. Separate systems of drainage.
Brookline avenue	Longwood avenue and Smyrna street	353.15	12-inch pipe	Contract. Separate systems of drainage.
Bynner street	Creighton street and Day street	280.12 23.00	12-inch pipe 10-inch pipe, catch-basin drain	Contract. Separate systems of drainage.
Calumet street	Tremont street and Sachem street	34.00	10-inch pipe, catch-basin drain	Day labor. Separate systems of drainage.
Calumet street	Hillside street and 400 feet southeasterly	261.10 138.12	15-inch pipe 10-inch pipe	Contract. Separate systems of drainage. Private.
Darling street	Calumet street and Hillside street	427.75 28.25	12-inch pipe 10-inch pipe, catch-basin drain	Contract. Separate systems of drainage. 40 yards rock.
Day street	Minden street and Heath street	367.77	12-inch pipe	Contract. Separate systems of drainage. 22½ yards rock.
Ellingwood street	Estey street and 540 feet northwesterly,	566.60	15-inch pipe	Contract. Separate systems of drainage. Private.
Francis street	Brookline avenue and Binney street	336.30	12-inch pipe	Contract. Separate systems of drainage.
Gainsborough street	Hemenway street and St. Stephen street,	723.91 14.00	12-inch pipe 10-inch pipe, catch-basin drain relaid	Contract. Separate systems of drainage.
Hemenway street	Bryant street and Westland avenue	939.90 173.35 33.63	15-inch pipe 12-inch pipe 10-inch pipe, catch-basin drain	Contract. Separate systems of drainage.

House of Good Shepherd		12.00	20-inch iron pipe	Day labor. Separate systems of drainage. Some rock.
		206.85	18-inch pipe	
		179.09	15-inch pipe	
		524.14	12-inch pipe	
		395.00	10-inch pipe	
		227.61	8-inch pipe	
		879.09	6-inch pipe	
Huntington avenue	Tremont street and Walt street	95.91	24-inch pipe	Day labor. Separate systems of drainage. Some rock.
		422.11	20-inch pipe	
		28.41	18-inch pipe	
		40.00	15-inch pipe	
		99.50	10-inch pipe	
		12.00	20-inch iron pipe	
Iroquois street	Calumet street and 800 feet westerly	777.60	12-inch pipe	Contract. Separate systems of drainage. Private.
Ivy street	St. Mary's street and Mountfort street	469.40	20-inch pipe	Contract. Separate systems of drainage.
		450.83	18-inch pipe	
		72 00	10-inch pipe, catch-basin drain	
Lawn street and Estey street	Heath street and Fisher avenue	71.55	24-inch pipe	Contract. Separate systems of drainage. Estey street. Private
		210.40	15-inch pipe	
		174.80	12-inch pipe	
Lawn and Hayden streets	Estey street and Fisher avenue	669.43	12-inch pipe	Contract. Separate systems of drainage.
		33.00	Old house drain rebuilt	
Longwood avenue	Huntington avenue and Worthington street	157.38	12-inch pipe	Contract. Separate systems of drainage.
		3.00	10-inch pipe	
Mountfort street	Beacon street and Audubon road	50.20	18-inch pipe	Contract. Separate systems of drainage.
		272.60	15-inch pipe	
		764.20	12-inch pipe	
		84.00	10-inch pipe, catch-basin drain	
Passageway between Beacon and Ivy streets	St. Mary's street and Mountfort street	432.07	24-inch pipe	Contract. Separate systems of drainage. Private.
		324.00	20-inch pipe	
		212.20	18-inch pipe	
		252.13	15-inch pipe	
		63.35	10-inch pipe, catch-basin drain	
Passageway between Mountfort street and B. & A. R.R.	St. Mary's street and 1,400 feet easterly	446.50	20-inch pipe	Contract. Separate systems of drainage. Private.
		599.40	18-inch pipe	
		352.20	15-inch pipe	
Passageway north of Ivy street	St. Mary's street and Mountfort street	373.15	18-inch pipe	Contract. Separate systems of drainage. Private.
		293.30	15-inch pipe	
Ruggles street and Vancouver street	Parker street and Tremont entrance, and Huntington avenue and Ruggles street	424.80	15-inch pipe	Contract. Separate systems of drainage.
		745.00	12-inch pipe	
		122.00	10-inch pipe	

Roxbury. — *Concluded.*

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Smyrna street	Brookline avenue and Binney street	347.85	12-inch pipe	Contract. Separate systems of drainage.
St. Alphonsus street	Smith street and Tremont street	311.29 178.43	12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
St. Stephen street	Bryant street and Massachusetts ave.	.....	Excavation only	Contract. Separate systems of drainage.
Vancouver street	Huntington avenue and Ward street	481.09	12-inch pipe	Contract. Separate systems of drainage. Private.
Wait street	Hillside street and Parker Hill avenue	286.85 81.25	12-inch pipe 10-inch pipe	Contract. Separate systems of drainage. Private.
Westland entrance	Rumford road and Hemenway street	.....	Excavation only	Contract. Separate systems of drainage.

South Roxbury.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Beach Glen street	Fort avenue and 190 feet south	188.60	12-inch pipe	Contract. Sewerage works.
Bower street	Humboldt avenue and Walnut avenue	328.50	10-inch pipe	Contract. Separate systems of drainage.
Elm Hill avenue	Wenonah street and 100 feet northeast	99.25	12-inch pipe	Contract. Sewerage works.
Hammond street	Sussex street and Shawmut avenue	572.25	18-inch pipe	Day labor. Sewerage works.
Hartwell street	Georgia street and Cheney street	124.80	12-inch pipe	Contract. Separate systems of drainage.
Howland street	Warren street and Elm Hill avenue	378.65	12-inch pipe	Contract. Separate systems of drainage.
Maywood's brook in Ruggles street	Cabot street and Shawmut avenue	676.93 650.84 10.72 8.50	24-inch pipe 18-inch pipe 15-inch pipe 12-inch pipe	Day labor. Separate systems of drainage.

Munroe street	Walnut avenue and 620 feet east	89.65	12-inch pipe	Contract. Separate systems of drainage.
Sherman street	Dale street and Rockland street	343.30	12-inch pipe	Contract. Separate systems of drainage.

Sewers built between February 1, 1905, and February 1, 1906, by Private Parties.

Hilton street	Massachusetts avenue and end of street,	452.55 138.25	15-inch pipe. 12-inch pipe.	
Pierson street	Massachusetts avenue and Allerton street	189.50	12-inch pipe.	

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Alaska street	Blue Hill avenue and Perrin street	423.35 12.00	12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Aspen street	Copeland street and Montrose street	212.50 63.10	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Bower street	Humboldt avenue and Walnut avenue	450.90 22.00	12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Brookledge street	Humboldt avenue and Elm Hill avenue	528.45 503.10	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Cheney street	Blue Hill avenue and Hartwell street	207.70 120.20	18 inch pipe 15-inch pipe.	Contract. Separate systems of drainage.
Devon street	Blue Hill avenue and Warren street	325.35	12-inch pipe	Contract. Separate systems of drainage.
Elmore street	Washington street and Walnut avenue	674.50 51.00 12.00	18-inch pipe 10-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Galena street	Elmore street and Kingsbury street	444.80	12-inch pipe	Contract. Separate systems of drainage.
Gaston street	Gannett street and Warren street	542.20 19.00	12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Georgia street	Blue Hill avenue and Maple street	282.50 280.80 340.70	18-inch pipe 15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.

South Roxbury. — *Concluded.*

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Harold street	Munroe street and Townsend street	325.05	12-inch pipe	Contract. Separate systems of drainage.
Hartwell street	Georgia street and Cheney street	314.00	12-inch pipe	Contract. Separate systems of drainage.
Hollander street	Harold street and Crawford street	287.20	12-inch pipe	Contract. Separate systems of drainage.
Homestead street	Humboldt avenue and Elm Hill avenue	549.20	20-inch pipe	Contract. Separate systems of drainage.
		553.85	15-inch pipe	
Howland street	Warren street and Elm Hill avenue	436.00	12-inch pipe	Contract. Separate systems of drainage.
		48.00	10-inch pipe	
Humboldt avenue	Walnut avenue and Laurel street	38.16	24-inch pipe	Contract. Separate systems of drainage.
		235.04	15-inch pipe	
		236.86	12-inch pipe	
		80.00	10-inch pipe	
Hutchings street	Humboldt avenue and Elm Hill avenue	568.15	15-inch pipe	Contract. Separate systems of drainage.
		522.30	12-inch pipe	
		28.00	10-inch pipe	
Lansing street	Sherman street and Warren street	28.00	12-inch pipe	Contract. Separate systems of drainage.
Maywood's brook, in Ruggles street	Cabot street and Shawmut avenue	662.00	11 feet × 7 feet 6 in., brick	Day labor. Separate systems of drainage.
		19.76	3 feet × 3 feet	
		14.80	18-inch pipe	
		27.98	15-inch pipe	
Munroe street	Warren street and Humboldt avenue	196.50	15-inch pipe	Contract. Separate systems of drainage.
Munroe street	Walnut avenue and 625 feet east	107.50	15-inch pipe	Contract. Separate systems of drainage.
		509.50	12-inch pipe	
		2.00	10-inch pipe	
Nazing street	Blue Hill avenue and Maple street	175.70	15-inch pipe	Contract. Separate systems of drainage.
		503.15	12-inch pipe	
Park View street	Hutchings street and Seaver street	331.85	12-inch pipe	Contract. Separate systems of drainage.

Perrin street	Moreland street and Alaska street	432.70 676.75 22.00	15-inch pipe 12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Rockland street	Rockland avenue and Warren street	112.35 395.00 24.00	15-inch pipe 12-inch pipe 10-inch pipe	Contract. Separate systems of drainage.
Schuyler street	Maple street and Elm Hill avenue	498.20	12-inch pipe	Contract. Separate systems of drainage.
Southwood street	Blue Hill avenue and Edgewood street	114.40 322.35	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Sunderland street	Blue Hill avenue and Warren street	216.60	12-inch pipe	Contract. Separate systems of drainage.
Waumbeck street	Wenonah street and Warren street	400.50	12-inch pipe	Contract. Separate systems of drainage.
Waverly street	Blue Hill avenue and Perrin street	488.60 403.80	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Wayne street	Blue Hill avenue and Maple street	172.75 403.30	15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.

City Proper.

Sewers built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Atlantic avenue	Clinton street and Commercial wharf	250.53	12-inch pipe	Day labor. Sewerage works.
Charter street	Phipps place and Marshall place	191.57	15-inch pipe	Day labor. Rebuilding. Sewerage works.
Chatham street	At Commercial street	26.35	15-inch pipe	Day labor. Rebuilding. Sewerage works.
Fulton street	Cross street and Ferry street	193.38	18-inch pipe	Contract. Sewerage works.
Hayward place	Washington street and Harrison ave.	8.15 23.35	12-inch pipe 6-inch × 10-inch, wood	Day labor. Temporary rebuilding.
High street	Oliver street and Hartford street	75.90 24.00	12-inch pipe 12-inch iron pipe	Day labor. Sewerage works. (9.2 feet, rebuilding.)
Mt. Vernon street	At Otis place	14.00	18-inch pipe, overflow. 1 gate chamber	Day labor.
Passageway	Norway street and West Newton street,	296.48	12-inch pipe	Day labor. Rebuilding. Private.
Pinckney	At Brimmer street	12.00	24-inch pipe, overflow. 1 gate chamber	Day labor.
Prospect street	South Margin street and Lyman street,	.....	Excavation	Day labor.
Union Park street	.....	311.50	6 feet × 6 feet, wood	Contract. Sewerage works.

City Proper. — *Concluded.*

Surface Drains built between February 1, 1905, and February 1, 1906, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Atlantic avenue extension	Kneeland street and 430 feet southerly	215.84 299.43	12-inch pipe 10-inch pipe 4 catch-basins 1 drop inlet	Contract. (Approaches to Cove street bridge.)
St. Botolph street	Irvington street and B. & A. railroad	102.00 21.50	12-inch pipe 10-inch pipe	Sewerage works. Contract.

Sewers built by the Boston Transit Commission, in Connection with the Washington Street Tunnel, between February 1, 1905, and February 1, 1906.

East tunnel wall	Bennet street and 114 feet northerly	140	12-inch pipe.	
East tunnel wall	Washington st. and 150 feet southerly	148	1 foot 3 inches × 3 feet 6 inches, concrete.	
Washington street	Kneeland street and manhole	20	15-inch pipe.	
Washington street	Near Essex street and Essex street	73	3 feet, concrete.	
Essex street	Washington st. and 152 feet easterly	152	24-inch pipe.	
Hayward place	Harrison avenue and Tunnel station	204	18-inch pipe.	
Washington street	Near Boylston sq. and Boylston sq.	20	18-inch pipe.	
Boylston street	Near Washington st. and Washington st.	20	24-inch pipe.	
Washington street	Boylston and Avery streets	370	24-inch pipe.	
Washington street	Avery street and near Winter street	911	2 feet 4 inches × 3 feet 6 inches, concrete.	
Washington street	Near Winter st. and Shuman's Corner	48	2 feet 4 inches × 3 feet 6 inches, concrete.	
Summer street	Washington st. and near Hawley st.	194	3 feet 6 inches × 5 feet 3 inches, brick.	
Temple place	Washington street and 50 feet west	62	24-inch pipe.	
Winter street	Near Washington street and Shuman's Corner	56	24-inch pipe.	

Summer street	Washington street and 70 feet east	110	24-inch pipe.
Washington street	Near Chickering pl. and Bedford st.	475	15-inch pipe.
Washington street	Bedford and Summer streets	488	18-inch pipe.
Washington street	Bromfield street and near Winter street,	396	18-inch pipe.
Washington street	Bromfield and School streets	513	15-inch pipe.
Washington street	School street and Williams court	261	24-inch pipe.
Washington street	Williams court and near Court avenue	88	15-inch pipe.
Washington street	Summer and Franklin streets	335	15-inch pipe.
Washington street	Franklin street and 79 feet northerly	127	12-inch pipe.
Washington street	79 feet north of Franklin st. and Milk st.	281	15-inch pipe.
Washington street	Near Spring lane and Spring lane	94	12-inch pipe.
Spring lane	Washington street and eastward	32	20-inch pipe.
Washington street	Water st. and 186 feet south of State st.	134	24-inch pipe.
Washington street	186 feet south of State street and 98 feet south of State street	88	15-inch pipe.
Washington street	Crossing over tunnel	30	27 inches, concrete.
Water street	36 feet east of Washington street and 141 feet east of Washington street	105	12-inch pipe,
Water street	Washington street and eastward	204	24-inch pipe.
Milk street	Washington street and eastward	118	15-inch pipe.

South Boston.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
A street	Opposite Binford street	12.00	5 feet × 4 feet, wood overflow,	Day labor.
B street	Fourth street and Silver street	115.42	2 feet 9 inches, circular brick,	Day labor.
		19.35	3 feet × 3 feet 2 inches, brick,	
B and Seventh streets	(Outlet.) Dorchester avenue and Fort Point Channel	161.40	6 feet 6 inches, circular brick,	Day labor. Rebuilding.
Bell court	D street and N.Y., N.H. & H. R.R.	172.65	12-inch pipe	Day labor.
E street	West First street and Summer-street Extension	2,419.25	2 ft. 6 in. × 3 ft. 9 in., brick	Day labor.
		24.00	12-inch iron pipe	
Hamlin street	East Eighth street and East Ninth street,	200.10	12-inch pipe	Day labor.
Private land, formerly Blake st.	Dorchester avenue and Boston street	358.00	3 ft. 3 in. × 2 ft. 8 in., brick	Contract.
Silver street	B street and D street	70.00	18-inch pipe	Day labor.
Summer-street Extension	D street and E street	586.56	18-inch pipe	Day labor.
		154.00	6-inch pipe, house drain	

East Boston.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Chelsea street	Curtis street and Eagle square	93.39	3 ft. 6 in. × 3 ft. 8½ in., brick	Day labor.
		213.54	15-inch pipe	
Eagle street and private land	Shelby street and sewer yard	360.81	12-inch pipe	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Ashley street	Bennington street and Breed street	37.00 104.00 288.00	12-inch pipe, sewer 10-in. pipe, catch-basin drain, 6-inch pipe, house drains 8 catch-basins	Day labor.
Bennington-street boulevard	Chelsea street and Belle Isle inlet	48.70	5 feet × 6 feet, brick culvert,	Day labor.
Wordsworth street	Saratoga street and Pope street	77.60 1,150.40	10-in. pipe, catch-basin drain, 6-inch pipe, house drain 5 catch-basins	Day labor.

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Summer street	Border street and New street	97.00	15-inch pipe	Day labor.

Charlestown.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Alford street	Mystic river and Everett line	75.00	12-inch pipe	Day labor.
Arlington avenue	Alford street and Beacham street	262.36	12-inch pipe	Day labor.
Beacham street	Arlington avenue and West street	383.18	12-inch pipe	Day labor.
Cambridge street	Sever street and Carter street	1,410.63	3 feet 6 inches, circular brick,	Day labor. Supplementary.

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Beacham street	West street and Main street	150.30	12-inch pipe	Day labor.

Brighton.

Sewers Built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Fairbanks street	Faneuil street and Washington street	172.87	10-inch pipe	Day labor.
		981.33	12-inch pipe	
		73.00	30-inch pipe, overflow	
		12.42	24-inch iron pipe. Rebuilt	
Private land and Madison avenue,	Washington street and Union street	826.05	12-inch pipe	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, in Streets laid out under chapter 323 of the Acts of 1891, as amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Cambridge street	Brighton avenue and Washington street,	588.08	18-inch pipe, sewer	Day labor.
		341.60	12-inch pipe, sewer	
		69.50	15-inch pipe, sewer	
		1,955.38	6-inch pipe, house drain	
		600.00	10-in. pipe, catch-basin drain.	
		.....	20 catch-basins	
Tremont street	Washington street and Newton line	555.65	3 feet × 2 feet 9 inches, brick surface drain	Day labor.
		338.16	30-inch pipe, surface drain	
		175.53	24-inch pipe, surface drain	
		175.13	18-inch pipe, surface drain	
		165.88	12-inch pipe, surface drain	
		347.00	10-in. pipe, catch-basin drain,	
		1,520.99	6-inch pipe, house drain	
		.....	17 catch-basins	

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Faneuil Valley brook. Conduit in private land and Fairbanks street	Main, Brook and Faneuil streets	42.96	5 feet, circular brick	Day labor.
Faneuil Valley brook. Conduit in Fairbanks street and private land	Faneuil street and Lake street	1,968.75	4 feet 5 inches, circular brick conduit 1 overflow manhole 1 tide-gate manhole	Day labor.
Faneuil Valley brook. Conduit in private land	Oakland street and Fairbanks street	35.00	6 feet 6 inches × 7 feet 6 inches, brick conduit	Day labor.
Private land	Commonwealth avenue and Harvard avenue	148.65	5 ft. × 6 ft., concrete conduit,	Day labor.
Private land	Commonwealth avenue and Harvard avenue	265.50	30-inch pipe	Day labor.
Washington street	Dighton place and Winship street	998.96 67.33	15-inch pipe 12-inch pipe	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by Private Parties.

Adams street	Existing sewer and Everett street	260.10	12-inch pipe.
Bothwell road	Faneuil street and Hobson street	519.61	15-inch pipe.
Brooksdale street	Raneleigh road and Parsons street	344.65	10-inch pipe.
Corinne road	Raneleigh road and Allston terrace	243.92	10-inch pipe.
Cummings road	Corey road and Commonwealth avenue,	421.63	10-inch pipe.
Donnybrook road	Faneuil street and Hobson street	798.52 54.41	18-inch pipe. 10-inch pipe.
Idlewild street	Holmes avenue and Commonwealth avenue	221.69	12-inch pipe.
Maple avenue	Murdock street and Etna street.	234.61	12-inch pipe.
Newcastle road	Faneuil street and Hobson street	599.65 69.00	18-inch pipe. 10-inch pipe.
Raneleigh road	Hobart street and Riverview road	658.89	10-inch pipe.
Riverview road	Raneleigh road and Parsons street	450.73 420.07	12-inch pipe. 10-inch pipe.
Wallingford road	Commonwealth avenue and Melton road	699.43	10-inch pipe.

Brighton. — *Concluded.*

Surface Drains built between February 1, 1900, and February 1, 1901, by Private Parties.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Idlewild street	Holmes avenue and Commonwealth avenue	239.75	12-inch pipe.	

West Roxbury.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Bellevue avenue	Brandon street and Cornell street	251.50 117.00	20-inch pipe 15-inch pipe	Contract.
Belgrade avenue and Lorraine street	Malcolm street and Colberg avenue	1,171.12	12-inch pipe	Contract.
Corey and Park streets	Railroad street and Centre street	650.00	12-inch pipe	Day labor.
Gardner street	Metropolitan sewer and Baker street	628.78 442.70 1,134.34	15-inch pipe 18-inch pipe 24-inch pipe	Contract.
Knoll street	Selwyn street and Walter street	599.81	12-inch pipe	Day labor.
La Grange street and outlet in Pleasant street	Dent street and Centre street	1,369.03	12-inch pipe	Contract.
Selwyn street	Morrison street and Walter street	200.45	12-inch pipe	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor, under the Direction of the Stony Brook Improvement Office.

Private land	Boylston avenue and Cornwall street	1,018.00	2 feet × 3 feet 6 inches, brick.	Low level sewer.

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor, under the Direction of Stony Brook Improvement Office.

Boylston avenue and Green st...	Cornwall street and Brook crossing at Green street.....	1,225.00	9 feet × 9 feet 6 inches, brick.	
Private land.....	Boylston avenue and Cornwall street...	1,018.00	15 ft. × 17 ft. 6 in., brick.	

Sewers built between February 1, 1900, and February 1, 1901, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Congreve street.....	South street and Centre street.....	414.00	6-inch pipe, house drain.....	Day labor.
Corinth street.....	Washington street and Brandon street..	69.75	6-inch pipe, house drain.....	Contract.
		27.50	10-in. pipe, catch-basin drain,	
		.....	4 catch-basins.....	
Forest Hills street.....	Washington street and Glen road.....	270.00	12-inch pipe, sewer.....	Contract.
Oakview terrace.....	Centre street and end of street.....	138.00	8-inch pipe, sewer.....	Day labor.
Perkins street and outlet in Zamora street.....	Jamaicaway and Day street.....	220.05	12-inch pipe, sewer laid.....	Contract.
		142.00	10-in. pipe, catch-basin drain laid.....	
		1,155.62	12-in. pipe, catch-basin drain laid.....	
		645.83	15-in. pipe, catch-basin drain laid.....	
		828.00	6-inch pipe, house drain laid.	
		.....	11 catch basins built.....	
South street.....	Jamaica street and Arborway.....	120.00	8 feet 6 inches × 6 feet, brick conduit.....	Day labor. 120 feet of 8 feet 6 inches by 6 feet is shown under Goldsmith brook.
		180.00	10-in. pipe, catch-basin drain,	
		41.00	12-in. pipe, catch-basin drain,	
		.....	13 catch basins.....	
Stratford avenue.....	Clement avenue and Anawan avenue...	122.00	10-in. pipe, catch-basin drain,	Contract.
		515.00	6-in. pipe, house drain.....	
		.....	7 catch basins.....	
Washington street.....	Morton street and Tower street.....	163.70	10-in pipe, catch-basin drain..	Contract.
		653.80	6-inch pipe, house drain.....	
		.....	4 catch-basins.....	

West Roxbury. — *Concluded.*

Sewers built between February 1, 1900, and February 1, 1901, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Westbourne street and outlet in Cornell street	Newbury street and Beech street	240.80 286.13 54.00 212.65 325.22	12-inch pipe, sewer 10-inch pipe, sewer 10-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 6-inch pipe, house drain 3 catch-basins	Contract.

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Bellevue avenue	Brandon street and Cornell street	18.00	10-in. pipe, catch-basin drain.	Day labor. This includes 120 feet of 8 feet 6 inches by 6 feet shown under the head of South street, "Chapter 323."
Goldsmith brook conduit in South street and St. Joseph street	Keyes street and Woodman street	184.00 531.00	8 feet 6 inches × 6 feet, brick, 6 feet × 6 feet, brick	
Neponset avenue branch of Stony brook in Ashland and Rowe streets and private land	Ashland street and Sharon street	80.86 54.00	3 feet, circular brick 10-in. pipe, catch-basin drain.	Contract.

Culverts built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Beech street	Near Washington street	14.00	30-inch pipe	Day labor.
Dale street	At Burley street	37.40	30-inch iron pipe	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by Private Parties.

Beech street	Westbourne st. and Eastbourne st.	261.85	12-inch pipe.	
Colberg avenue	Belgrade avenue and Rexhame street	680.15	12-inch pipe.	
Eastbourne street	Beech street and Cornell street	425.28	10-inch pipe.	
Grosvenor road	Pond street and Centre street	500.45	12-inch pipe.	

Dorchester.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Ceylon street	Columbia road and Quincy street	744.05 1,010.21	12-inch pipe 18-inch pipe	Day labor.
Cottage park	Bowdoin street, westerly	190.00	12-inch pipe	Contract.
Massachusetts avenue	Dorchester-brook sewer and Edward Everett square	1,042.93 905.60 311.00	18-inch pipe 15-inch pipe 10-inch pipe, catch-basin drain 14 catch basins 1-foot 18-inch tide-gate, M.H.	Contract and day labor.
Private land	Off Dorchester ave., near Freeport st.	24.00	5 feet, circular brick	Day labor. Rebuilding.

Sewers built between February 1, 1900, and February 1, 1901, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Draper street	Westville street and Bowdoin street	554.13 686.00 491.18 162.00	12-inch pipe 6-inch pipe, house drain 12-inch pipe, catch-basin drain 10-inch pipe, catch-basin drain 12 catch basins	Day labor.

Dorchester. — *Concluded.*

Sewers built between February 1, 1900, and February 1, 1901, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Hancock street	Columbia road and Winter street	280.00	3 feet 6 inch, circular brick, catch-basin drain	Day labor.
		95.00	3 feet, circular brick, catch-basin drain	
		260.00	12-inch pipe	
		134.00	10-inch pipe	
		635.00	6 inch pipe, house drain	
Moseley street	Crescent avenue and Columbia road	50.00	12-inch pipe	Contract.
		6.00	6-inch pipe, house drain	
Annabel street	Columbia road and Sumner street	9.00	6-inch pipe, house drain	Day labor.
		21.00	10-in. pipe, catch-basin drain,	
		.....	1 catch basin	
Barry street	Quincy street and Richfield street	487.01	12-inch pipe	Contract and day labor.
		332.00	6-inch pipe, house drain	
		73.00	10-in. pipe, catch-basin drain,	
		.....	6 catch-basins	
Boston street	Mt. Vernon street and Columbia road	244.80	12-inch pipe	Day labor.
		331.00	6-inch pipe, house drain	
		129.00	10-in. pipe, catch-basin drain,	
		.....	7 catch-basins	
Conrad street	Sumner street and end	26.00	6-inch pipe, house drain	Day labor.

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Ceylon street	Columbia road and Quincy street	1,124.40	5 feet, circular brick	Day labor.
Kilton street	Park street and private land	1,176.02	24-inch pipe	Day labor.
		115.00	18-inch pipe	
		20.00	12-inch pipe	
Tenean creek, north branch	Josephine street and Leroy street	173.20	4 feet 6 inches, circular brick,	Contract.
Tenean creek, north branch	Charles street and Josephine street	223.95	4 feet 6 inches, circular brick,	Contract.
Tenean creek, north branch	Leroy street and Westville street	216.77	4 feet 6 inches, circular brick,	Contract.

Sewers built between February 1, 1900, and February 1, 1901, by Private Parties.

Chase street	Willis street and East Cottage street	184.30	12-inch pipe.	
Fenton street	Clayton street and Duncan street	544.82	12-inch pipe.	
Glen street	Greenwood street and Glenway street	491.58	12-inch pipe.	

Sewers Abandoned or Rebuilt between February 1, 1900, and February 1, 1901.

Roxbury.

Humboldt avenue	Waumbeck street and Hollander street	55.00	10-in. pipe, catch-basin drain,	Day labor. Rebuilt.

South Boston.

B and Seventh streets	(Outlet.) Dorchester ave. and South Bay,	161.40	6 feet 6 in. circular brick	Day labor. Rebuilt.
B street	Fourth street and Silver street	115.42 19.35	2 feet 9 in. circular brick 3 feet × 3 feet 2 in. circular brick	Day labor. Rebuilt.
Private land, formerly Blake st.	Dorchester avenue and Boston street	358.00	10 ft. × 6 ft., stone and wood	Contract. Rebuilt.
Silver street	B street and D street	70.00	18 in. × 18 in., wood and brick,	Day labor. Rebuilt.

Dorchester.

Boston street	(At Roseclair.) Mt. Vernon street and Columbia road	44.00	10-inch pipe	Day labor. Rebuilt.
Ceylon street	Junction of Quincy st. and Bird st	37.25	2 ft. 2 in. × 2 ft. 4 in., brick	Day labor. Rebuilt.
Columbia road	At railroad bridge and Richfield street	107.00	3 feet × 3 feet 6 inch, brick	Abandoned.
Dorchester, intercepter sewer	Private land near Freeport street	24.00	5 feet, circular brick	Day labor. Rebuilt.
Hancock street	Columbia road and Winter street	195.67	12-inch pipe	Day labor. Rebuilt.
Kilton street	(At Athelwold street.) Park street and Harvard street	95.00	12-in. pipe, catch-basin drain,	Day labor. Rebuilt.
Tenean creek	Josephine street and Leroy street	12.00	12-in. pipe, catch-basin drain,	Contract. Rebuilt.

Brighton.

Fairbanks street	Faneuil street and Washington street	12.42	24-inch pipe	Day labor. Rebuilt.

South Dorchester.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Corbet street	Morton street and Hopkins street	397.74	12-inch pipe, sewer	Contract. Some rock.
Maxwell street	Capen street and Nelson street	536.85	12-inch pipe, sewer	Day labor. Mostly rock.
Codman street	In paving yard	140.16	12-inch pipe, sewer	Day labor.
Brunswick street	Bushnell street and Brunswick street	472.05	12-inch pipe, sewer	Day labor.
Norfolk street	South from Fremont street 234 feet	234.00	12-inch pipe, sewer	Day labor. Considerable rock.
Selden street	Capen street and Milton avenue	809.60	12-inch pipe, sewer	Contract.
Millet street	Talbot avenue and Wheatland avenue	450.23	12-inch pipe, sewer	Day labor. Some rock.
Burt street	At Davenport brook	75.00	10-inch pipe, sewer	Day labor.
Templeton street	Dorchester avenue and Adams street	345.60	12-inch pipe, sewer	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Florida street	Lonsdale street and Templeton street	178.50	6-inch pipe, house drain	Day labor.
Callender street	Tucker street and Don street	113.00	12-inch pipe, sewer	Day labor. Mostly rock.
		120.50	8-inch pipe, sewer	
		963.50	6-inch pipe, house drain	
		600.35	24-in. pipe, catch-basin drain,	
		240.40	15-in. pipe, catch-basin drain,	
		24.00	12-in. pipe, catch-basin drain,	
Blue Hill avenue	Walk Hill street and River street	27.33	15-inch pipe, sewer	Day labor. Mostly rock.
		190.93	12-inch pipe, sewer	
Lauriat avenue	Norfolk street and Tucker street	59.64	24-in. pipe, catch-basin drain,	Contract. Considerable rock.
		222.12	15-in. pipe, catch-basin drain,	
		12.99	12-in. pipe, catch-basin drain,	
		29.30	10-in. pipe, catch-basin drain,	
Van Winkle street	Dorchester ave. and Shawmut Branch R.R.	364.00	6-inch pipe, house drain	Contract.
		323.37	4 feet, circular brick	
		12.00	15-in. pipe, catch-basin drain,	
		346.05	12-in. pipe, catch-basin drain,	
		80.64	10-in. pipe, catch-basin drain,	
		.....	5 catch-basins	

Montague street	Ashmont street and Roslin street	130.00	6-inch pipe, house drain	Day labor.
		164.74	20-in. pipe, catch-basin drain,	
		16.39	15-in. pipe, catch-basin drain,	
		.....	1 catch basin	
Shepton street	Dorchester avenue and Florida street	420.11	12-in pipe, sewer	Contract. Some quicksand.
		527.00	6-inch pipe, house drain	
		795.17	12-in. pipe, catch-basin drain,	
		151.83	18-in. pipe, catch-basin drain,	
		62.33	10-in. pipe, catch-basin drain,	
		.....	5 catch-basins	
		.....	2 drop inlets	
Seaborn street	Moultrie avenue and Kenwood street	144.00	6-inch pipe, house drain	Contract.
		248.10	30-in. pipe, catch-basin drain,	

Surface Drains built between February 1 1900, and February 1, 1901 by the City, either by Contract or Day Labor.

Washington street	River street and Churchill place	492.45	15-in. pipe, catch-basin drain,	Day labor. Considerable rock.
		30.52	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Norfolk street	Bernard street and Wentworth street	175.00	18-in. pipe, catch-basin drain,	Day labor. Some rock.
Corner Dorchester avenue and Richmond street	...	68.40	12-in. pipe, catch-basin drain,	Day labor. Some rock.
		.....	1 catch-basin	
Private land	Callender street and Lauriat avenue	24.00	30-in. pipe, catch-basin drain,	Day labor.
Tenean creek	Ashmont street and Lonsdale street	371.90	24-in. pipe, catch-basin drain,	Day labor.
		17.00	12-in. pipe, catch-basin drain,	
		22.00	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Lyons street	Callender street and Franklin Field	142.00	10 feet, circular brick	Contract. Mostly rock.
Neponset avenue	Adams street and Minot street	508.45	24-in. pipe, catch-basin drain,	Day labor.
		513.00	20-in. pipe, catch basin drain,	
		1,200.93	18-in. pipe, catch-basin drain,	
		1,095.94	15-in. pipe, catch-basin drain,	
		307.00	12-in. pipe, catch-basin drain,	
		.....	8 catch-basins	
River street	Oakland street and Blue Hill avenue	62.78	15-in. pipe, catch-basin drain,	Day labor.
		12.67	12-in. pipe, catch-basin drain,	
		.....	1 catch-basin	
Surface drain in private land	Milton branch railroad and Adams st.	95.35	30-in. pipe, catch-basin drain,	Day labor.
		235.70	24-in. pipe, catch-basin drain,	
		483.08	18-in. pipe, catch-basin drain,	
		116.34	15-in. pipe, catch-basin drain,	
		103.00	12-in. pipe, catch-basin drain,	
		.....	1 catch-basin	

South Dorchester. — *Concluded.*

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Tenean creek	Gibson street and Centre street	724.15 13.60	6 feet × 6 feet, brick 6 ft. 6 in. × 6 ft. 6 in., brick	Day labor.
Tenean creek	Park street 304 feet southerly	199.20	4 feet × 4 feet, wooden box	Day labor. On piles. Piles by contract.
Davenport brook	Bailey street and Burt street	300.00	4 feet 6 inches, circular brick,	Day labor.
Tenean creek	Ashmont street and Lonsdale street	334.90 35.00	3 feet 6 inches, circular brick, 24-in. pipe, catch-basin drain,	Day labor.
Canterbury branch of Stony brook	Middleton st. and Willowwood st.	184.00 72.50	24-in. pipe, catch-basin drain, 12-in. pipe, catch-basin brain,	Day labor.
Oakland garden fork, Canterbury branch of Stony brook	Talbot avenue and Wheatland avenue	340.17	3 feet 6 inches, circular brick,	Day labor. Considerable rock.
Oakland garden fork, Canterbury branch of Stony brook	Franklin Field and Bernard street	565.00	7 feet, circular brick	Contract. Mostly rock.

Culverts built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Mascot street	Near Dumas street	50.70	24-inch pipe, culvert	Day labor.
Neponset avenue	Near Blackwell street, at playground	17.15 33.65 60.24	3 feet 6 inches, circular brick, Reducer and increaser 12 feet × 8 feet 6 inches, stone masonry	Day labor. Foundation laid on piles. Piles by contract.
Adams street	Near Minot street	.....	Sewer siphon built under culvert and ditch widened at each end of culvert	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by Private Parties.

Woolson street	Blue Hill avenue and 300 feet easterly	290.42	12-inch pipe, sewer.	
Hosmer street	Blue Hill avenue and 250 feet easterly	227.76	12-inch pipe, sewer.	
Harlem street	Blue Hill avenue and Norfolk street	998.00	12-inch pipe, sewer.	
Gateley street	Outlet in Samoset street	384.55	12-inch pipe, sewer.	
Beaumont street	Arundel street and summit of hill	337.62	12-inch pipe, sewer.	

Roxbury.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Humboldt avenue	Waumbeck street and Hollander street	84.50	12-inch pipe	Day labor.
Ritchie street	Columbus avenue and land of the City of Boston	125.00	2 feet × 3 feet, brick	Day labor.
Massachusetts avenue	Swett street and Dorchester-brook sewer,	290.30	18-in. pipe, catch-basin drain,	Day labor.
		310.50	15-in. pipe, catch-basin drain,	
		630.00	10-in. pipe, catch-basin drain,	
		24.00	15-inch pipe	
		.....	24 catch-basins	

Sewers built between February 1, 1900, and February 1, 1901, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Cardington street	Fenner street and Cobden street	46.00	10-in. pipe, catch-basin drain, 3 catch-basins	Contract.
Dunford street	Fenner street and Cobden street	15.00	10-in. pipe, catch-basin drain, 2 catch-basins	Contract.

Sewers built between February 1, 1900, and February 1, 1901, by Private Parties.

Chickamauga park	Highland street, westerly	115.45	12-inch pipe.	
Fort avenue	Highland street, westerly	167.97	12-inch pipe.	

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Gainsborough street	Huntington avenue and St. Botolph st.	107.83	15-inch pipe	Day labor.
		33.43	12-inch pipe	
St. Botolph street	Gainsborough street and passageway	54.93	12-inch pipe	
		25.00	10-inch pipe	

Roxbury. — *Concluded.*

Sewers built from February 1, 1900, to February 1, 1901, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Passageway	St. Botolph street and Providence Division, N.Y., N.H. & H. R. R.	111.00	10-inch pipe	Day labor.
Alleghany street	Parker street and 600 feet westerly	53.88	12-inch pipe	Contract. All rock.
Kempton street (Kenwood road and Kempton street)	Kenwood road and Huntington avenue,	529.09	12-inch pipe	Contract.
Sachem street	Calumet street and Hillside street	29.73	12-inch pipe	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts relating thereto.

Gainsborough street	Hemenway street and St. Stephen street,	166.18	30 inch × 36 inch, brick sewer,	Day labor.
Aberdeen street	Beacon street and railroad	420.39	12-inch pipe, sewer	Contract.
		36.51	10-inch pipe, sewer	
		11.25	10-in. pipe, catch-basin drain,	
		327.00	6-inch pipe, house drain	
		.....	1 catch-basin	
Brookline avenue	Longwood entrance and Riverway	93.00	8-inch pipe, house drain	Day labor.

Surface Drains built between February 1, 1900, and February 1, 1901, by the City, either by Contract or Day Labor.

Kenwood road (Kenwood road and Kempton street)	Vila street and Kempton street	258.96	18-inch pipe	Contract.
Kempton street (Kenwood road and Kempton street)	Kenwood road and Huntington avenue,	237.49	15-inch pipe	Contract.
		8.00	12-inch pipe	
		27.67	10-inch pipe	
		.....	1 catch-basin	
		.....	1 drop inlet	

Sewers built between February 1, 1900, and February 1, 1901, by Private Parties.

Bay State road and passageways,	Essex street and Granby street	1,020.33	18-inch pipe	Contract No. 1.
		18.00	16-inch iron pipe	
Bay State road and passageways,	Essex street and Granby street	1,062.60	18-inch pipe	Contract No. 2.
Faxon street	Near Tremont street	68.45	12-inch pipe.	
Medfield street	St. Mary's street and Audubon road	126.51	15-inch pipe.	
		218.77	12-inch pipe.	
Street No. 295 (B. B. S.)	Huntington avenue, westerly	132.55	12-inch pipe.	
Roseland street	Medfield street and Beacon street	196.52	12-inch pipe.	

Surface drains built between February 1, 1900, and February 1, 1901, by Private Parties.

Bay State road and passageways,	Essex street and Granby street	529.69	10-inch pipe	Contract No. 2.
		.....	10 catch-basins	
		.....	7 drop inlets	

City Proper.

Sewers built between February 1, 1900, and February 1, 1901, by the City, either by Contract or by Day Labor.

Haverhill street (Canal-street relief sewer)	Charlestown street and Traverse street	269.00	4 ft. 9 in. × 5 ft. ½ in., brick	Piles by contract. Day labor.
Traverse street (Canal-street relief sewer	Haverhill street and Canal street	163.20	4 ft. 9 in. × 5 ft. ½ in., brick	Piles by contract. Day labor.
Clinton street (Canal-street relief sewer	Near Fulton street	70.00	24-inch pipe (overflow)	Day labor.
Eastern avenue	Commercial street and South Ferry	358.85	12-inch pipe	Day labor.
		12.00	12-inch iron pipe	
Poplar street	Farwell avenue and Chambers street	400.60	12-inch pipe	Day labor.
Congress street	Estes place and Gilbert place	49.20	12-inch pipe	Day labor.
		12.00	12-inch iron pipe	
Congress street	Gilbert place and Harbor line	66.90	3 feet × 3 feet, wood	Piles by contract. Day labor.
Haverhill street	Traverse street and Causeway street	486.75	2 ft. 6 in. × 3 ft., brick	Day labor.
Newland street	West Dedham and West Canton streets	206.99	12-inch pipe	Day labor.

City Proper. — *Concluded.*

Sewers built between February 1, 1900, and Februarg 1, 1901, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Commercial street	Battery street and Salutation street	97.21	2 ft. 6 in. × 3 ft., brick	Day labor.
Commercial street	At Clark street	16.00	18-inch tide-gates 12-inch pipe by-pass	Day labor.
Oak street	Hudson street and Albany street	101.00	15-inch pipe	Day labor.
Stillman street	Endicott street and North Margin street	68.00	18-inch pipe	Day labor.
Beverly street	Charlestown street and Causeway street	.....	2 ft. 6 in. × 3 ft., brick	Day labor. (Excavation only.)
Boylston street	Washington street and Tremont street	.....	15-inch pipe	Day labor. (Refilling, etc.)
Kneeland street (Kneeland and Utica streets)	South street and Utica street	177.25 7.00	2 ft. × 3 ft., brick 18-inch pipe	Day labor.
Utica street (Kneeland and Utica streets)	Kneeland street and Beach street	319.78	18 inch pipe	Day labor.
Boylston street	Carver street and Tremont street	472.21	15-inch pipe	Day labor.
Albany street (Connection with East side intercepter)	At Oswego street	3.90 7.00 7.00 1.00	2 ft. × 3 ft. 5 in., brick Reducer, brick 3 ft. × 4 ft., brick 2 ft. × 2 ft., brick and stone	Day labor.
East Brookline street	Harrison avenue and James street	254.10	24-inch pipe	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by the City, in streets laid out under Chapter 323 of the Acts of 1891, as amended by Chapter 418 of the Acts of 1892, or Special Acts relating thereto.

Trinity place	Stuart street and Stanhope street	296.35 40.00	12-inch pipe 10-inch pipe, C. B. drain 3 catch-basins	Day labor.

Sewers built between February 1, 1900, and February 1, 1901, by Private Parties.

Pleasant street (Siphon and change in sewer system)	At Porter street	72.00	30-inch iron pipe	Built by the B. E. R. R. Co., on account of change in entrance to Subway.
		65.00	16-inch iron pipe	
		25.00	18-inch drain pipe	
		54.00	15-inch drain pipe	
		36.00	12-inch drain pipe	
Lehigh street (change in section of intercepter	At railroad yard	16.00	Wood, iron and brick reducers	Paid for by N. Y., N. H. & H. R.R. Day labor.

Sewers abandoned or rebuilt between February 1, 1900, and February 1, 1901.

Utica street	Kneeland and Beach streets	312.00	2 feet × 2 feet, wood	Rebuilt.
Albany street	At Oswego street	16.00	3 feet × 4 feet, wood	Replaced, (Connection with East Side intercepter.
		9.50	2 feet × 2 feet, wood	
		9.50	18-inch pipe	
East Brookline street	Harrison avenue and James street	254.00	2 feet × 2 feet, wood	Rebuilt.
Pleasant street	At Porter street	115.00	20 inches, circular brick	Replaced by siphon.
Porter street	At Pleasant street	40.00	16 inches × 20 inches brick	Rebuilt.
Haverhill street	Haymarket square and Traverse street	242.00	3 feet × 3 feet, wood	Rebuilt.
Traverse street	Haverhill street and Canal street	192.00	3 feet × 3 feet, wood	Abandoned.
Poplar street	Farwell avenue and Chambers street	22.00	18 in. × 13 in. brick and slate	Rebuilt.
		163.00	10 in. × 12 in. wood and slate	
Stillman street	Endicott street and No. Margin street	68.00	2 feet × 2 feet, wood	Rebuilt.
Oak street	Hudson street and Albany street	101.00	18 inches × 18 inches, wood	Rebuilt.
Haverhill street	Traverse street and Causeway street	462.00	2 feet × 2 feet, wood	Rebuilt.
		22.00	15-inch pipe	
Lehigh street	At Railroad yard	16.00	3 feet × 5 feet, wood	Rebuilt. Intercepter.
Commercial street	Battery street and Salutation street	97.00	2 ft. × 3 ft. and 20 in. × 24 in., brick	Rebuilt.

South Boston.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

B street	Fourth street and Silver street	48.04	2 feet 9 inches, circular brick,	Day labor. Rebuilding.
		12.85	24-inch pipe	

South Boston. — *Concluded.*

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
D street	West Second and Broadway	195.30	3 ft. 3 in. × 3 ft. 5½ in., brick	Day labor. Rebuilding.
		244.13	4 feet × 4 feet 3 inches, brick,	
		207.70	2 feet × 3 feet, brick	
		34.50	15-inch pipe	
		108.84	24-inch pipe	
East First street	L street and P street	576.17	12-inch pipe	Day labor.
West Seventh street	B street and D street	375.00	4 feet × 4 feet 2¾ inches, brick,	Day labor. Rebuilding.
Silver street	B street and D street	1,014.79	18-inch pipe	Day labor. Rebuilding.
Tudor street	C street and D street	547.75	15-inch pipe	Day labor. Rebuilding.

Sewers built between February 1, 1901, and February 1, 1902, by the City, in streets laid out under Chapter 323 of the Acts of 1891, as amended by Chapter 418 of the Acts of 1892, or Special Act referring thereto.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Columbia road	K street and M street	219.89	15-inch pipe, house	Contract.
		766.27	12-inch pipe, house	
		645.10	10-inch pipe, house	
		169.00	8-inch pipe, house connection,	Day labor.
		332.65	12-inch pipe, house	
Columbia road	M street and N street	321.55	12-inch pipe	Day labor.
Columbia road	G street and H street	738.66	12-inch pipe	Day labor. Rebuilding.
		154.00	6-inch pipe, house drain	
		525.07	10-in. pipe, catch-basin drain,	
		20.70	12-inch pipe	
		.....	7 catch-basins	
Dixfield street	Old Harbor street and Covington street,	279.08	12-inch pipe, sewer	Day labor.
		13.00	10-in. pipe, catch-basin drain,	
		99.50	6-inch pipe, house drain	
		.....	2 catch-basins	

Leeds street	Dorchester ave. and Woodward street,	216.55 25.00 179.25	12-inch pipe, sewer 12-in. pipe, catch-basin drain, 6-inch pipe, house drain 2 catch-basins	Day labor.

Surface Drains built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Athens street	C street and D street	5.00	10-in. pipe, catch-basin drain,	Day labor.
Bowen street	C street and E street	20.00	10-in. pipe, catch-basin drain,	Day labor.
East First street	L street and P street	267.07	10-in. pipe, catch-basin drain,	Day labor.
Gold street	B street and D street	28.00	10-in. pipe, catch-basin drain,	Day labor.
Tudor street	C street and D street	59.00	10-in. pipe, catch-basin drain,	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.

Albert street	Kemp street and Abbott street	270.00	12-inch pipe.	
Melcher street	A street and Summer-street extension	601.55	12-inch pipe.	
Midway street	A street and Binford street	1,154.10	12-inch pipe.	
K street	East Third street and tide water	300.90	12-inch pipe.	
Ninth street and L street	Existing sewer and Eighth street	384.56	12-inch pipe.	
Swallow street	N street, easterly	205.65	12-inch pipe.	
Stillings street	Congress st. and N.Y., N. H. & H. R.R.	643.15	12-inch pipe.	

East Boston.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Farrington and Walley streets	Gladstone street and Orient avenue	62.00	2 feet × 3 feet, brick	Day labor.
Marginal street	Ruth street and 400 feet westerly	399.13	24-inch pipe	Day labor. Rebuilding.
Putnam-street outlet	Condor street and Chelsea creek	51.02 361.00	12-inch pipe 2 feet 6 inches × 3 feet, wood,	Day labor. Rebuilding.

East Boston. — *Concluded.*

Sewers built between February 1, 1901, and February 1, 1902, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Bennington street Sections 2, 3 and 4, north side	Boston & Maine Railroad and Byron st.,	2,608.75	12-inch pipe, house sewer	Contract.
		994.16	12-in. pipe, catch-basin drain,	
		242.35	10-in. pipe, catch-basin drain,	
		.....	7 catch-basins	
Bennington street, Section 5, north side	Trumbull street and Byron street	1,894.46	12-inch pipe, house sewer	Contract.
		154.36	10-in. pipe, catch-basin drain,	
		.....	8 catch-basins	
Bennington street	Near Revere line	159.25	2 feet 6 inches × 2 feet, wood culvert	Day labor.
Wordsworth street	Saratoga street and Pope street	14.28	6-inch pipe, house drain	Day labor.

Sewers Abandoned or Rebuilt between February 1, 1901, and February 1, 1902.

East Boston.

Bennington st., near Revere line,	.....	159.25	.....	Rebuilt.
Marginal street	Ruth street and 400 feet westerly	399.13	24 inches × 26 inches, wood	Rebuilt.
Putnam-street outlet	Condor street and Chelsea creek	412.02	2 ft. 6 in. × 3 ft. wood	Rebuilt.

Brighton.

Linden street	Commonwealth ave. and Brighton ave.	155.15	12-inch pipe	Rebuilt.
		80.00	15-inch pipe	

West Roxbury.

Hemlock street		42.00	1 foot 6 inches square, stone,	Rebuilt.
La Grange street, near Glenham		39.85	2 feet square, stone	Rebuilt.
Weld st., near La Grange st		54.00	3 feet × 5 feet, stone	Rebuilt.

Charlestown.

Austin street	B. & M. R.R. and Front street	480.00	15-inch pipe	Abandoned.
Frothingham avenue	Rutherford avenue and Main street	624.82	12-inch pipe	Rebuilt.
Prescott street	Main street and Washington street	425.52	12-inch pipe	Rebuilt.

Charlestown.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Arlington avenue	Beacham street and Dorrance street	324.48	12-inch pipe	Day labor.
Frothingham avenue	Rutherford avenue and Main street	624.82	12-inch pipe	Day labor. Rebuilding.
Green street	Main street and High street	269.20	12-inch pipe	Day labor.
Prescott street	Main street and Washington street	425.52	12-inch pipe	Day labor. Rebuilding.

Sewers built between February 1, 1901, and February 1, 1902, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts veferring thereto.

Alford street	Mystic River and Everett line	400.37	18-in. pipe, catch-basin drain,	Day labor.
		394.57	15-in. pipe, catch-basin drain,	
		225.90	12-in. pipe, catch-basin drain,	
		160.00	10-in. pipe, catch-basin drain,	
		217.98	12-inch pipe, house sewer	
		.....	10 catch-basins	
Mead street	Russell street and Bunker Hill street	330.47	10-inch pipe, sewer	Day labor.
		35.00	10-in. pipe, catch basin drain,	
		266.00	6-inch pipe, house drain	
		.....	3 catch-basins	

Charlestown. — *Concluded.*

Surface Drains built between February 1, 1901, and February 1, 1902, by Private Parties.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Austin street	B. & M. R.R. and Lynde street	588.00	18-inch pipe	Built by B. & M. R.R.
		200.00	15-inch pipe	
West street	Beacham street and Alford street	230.90	10-inch pipe	Built by Boston Elevated R.R.

Brighton.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Allston terrace	Hobart street and Brooksdale road	649.95	12-inch pipe	Day labor.
Linden street	Commonwealth avenue and Brighton avenue	155.15	12-inch pipe	Day labor. Rebuilding.
		80.00	15-inch pipe	
Summit avenue and Allston street	Warren street and Corey road	1,572.86	12-inch pipe	Day labor.
Warren street	Allston street and Brookline line	543.15	12-inch pipe	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Brackett street	Washington street and Faneuil street	30.00	10-in. pipe, catch-basin drain,	Day labor.
		48.00	6-inch pipe, house drain	
		.....	1 catch-basin	
Brooks-street extension	North Beacon street and Holton street	90.32	30-inch pipe, surface drain	Day labor.
		415.90	12-inch pipe, surface drain	
		242.30	10-inch pipe, surface drain	
		526.20	10-inch pipe, house sewer	
		.....	14 catch-basins	
Cambridge street	Brighton avenue and Washington street,	.....	1 catch-basin	Day labor.

Surface Drains built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Faneuil Valley Brook Conduit in private land	Oakland street and Fairbanks street	392.39	6 feet 6 inches × 7 feet 6 inches, brick	Day labor.
Faneuil Valley Brook Conduit in private land	Parsons street and Faneuil street	741.00	11 feet × 9 feet, brick	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.

Colonial road	Melton road and Commonwealth avenue,	35.00	10-inch pipe.	
Elko street	Cambridge street and Sparhawk street	229.65	10-inch pipe.	
Fiske street	Holmes avenue and Brookline line	144.00	10-inch pipe.	
Feneno terrace	Holmes avenue and Brookline line	170.15	10-inch pipe.	
Garden street	George street and Etna street	236.90	12-inch pipe.	
Marshall street	Holmes avenue and Brookline line	143.43	10-inch pipe.	
Melton road	Wallingford road and Colonial road	400.91	10-inch pipe.	
Nottingham road		1,988.21	10-inch pipe.	
Richardson street	Western avenue and Mackin street	49.85	10-inch pipe.	
Road No. 3	Wallingford road and Commonwealth avenue	605.43	10-inch pipe.	
Wallingford road	Existing sewer and Chestnut Hill ave.	235.25	12-inch pipe.	
		380.95	10-inch pipe.	

West Roxbury.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Amherst street	Albano street and Bellevue avenue	516.59	15-inch pipe	Contract.
Centre street	Fletcher street and Montclair avenue	462.00	12-inch pipe	Contract.
Clement avenue, Farrington avenue and Kenneth street		482.00	12-inch pipe	Contract.
Corey and Park streets	Railroad street and Centre street	95.69	12-inch pipe	Day labor.
Corey street	Henshaw terrace and Montview street	835.04	12-inch pipe	Contract.
Colberg avenue	Rexhame street and Montello street	460.31	12-inch pipe	Contract.
Dudley avenue	Washington street and Birch street	589.70	12-inch pipe	Contract.

West Roxbury. — *Continued.*

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Hemlock street	Bellevue avenue and Washington street,	820.27	12-inch pipe	Contract.
Hillside avenue and Cross street	Poplar street and Augustus avenue	565.73	12-inch pipe	Contract.
Irving street	Anawan avenue and Saville street	750.62	12-inch pipe	Contract.
Norfolk street	Washington street and Kittredge street,	485.61	12-inch pipe	Contract.
Ruskin street	Corey street and existing sewer	238.16	10-inch pipe	Contract.
Selwyn street	Farquhar street and Hewlett street	223.73	12-inch pipe	Day labor.
Selwyn street	Mozart street and Hewlett street	225.62	12-inch pipe	Day labor.
Vermont street	Alder street and Libby street	240.65	12-inch pipe	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, in Streets laid out under Chapter 323 of the Acts of 1891 as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Forest Hills street	Washington street and Glen road	154.00	12-inch pipe, house sewer	Contract.
		204.85	10-in. pipe, catch-basin drain,	
		534.85	24-in. pipe, catch-basin drain,	
		399.68	6-inch pipe, house drain	
		.....	8 catch-basins	
Robinwood avenue	Centre street and Hazel street	485.22	12-inch pipe, house sewer	Contract.
		66.76	10-in. pipe, catch-basin drain,	
		410.00	6-in. pipe, house drain	
		.....	6 catch-basins	
Spring st. and outlet in Gardner st.		1,160.54	24-inch pipe, sewer	Day labor.
		823.23	18-inch pipe, sewer	
South Huntington avenue	Bynner street	960.00	12-inch pipe, sewer	Contract.
		140.00	10-in. pipe, catch-basin drain,	
		545.00	12-in. pipe, catch-basin drain,	
		970.00	6-inch pipe, house drain	
		.....	8 catch-basins	
Walter street	South street and Centre street	420.00	12-in. pipe, catch-basin drain,	Contract.
		610.00	15-in. pipe, catch-basin drain,	

Sewers built between February 1, 1901, and February 1, 1902, by the City, under the direction of the Stony Brook Improvement Office.

Private land	Cornwall street and Brookside avenue	710.00	2 feet × 3 feet 6 inches, brick,	West Roxbury low level sewer.

Surface Drains built between February 1, 1901, and February 1, 1902, by the City, under the direction of the Stony Brook Improvement Office.

Cornwall street	Brookside avenue and Boylston street	70.00	30-inch pipe, concrete.	
Private land	Cornwall street and Brookside avenue	710.00	15 ft. 6 in. × 17 ft., brick.	

Surface Drains built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Centre street	Arborway and May street	422.00	15-inch pipe	Day labor.
		169.45	12-inch pipe	
Clement avenue, Stratford avenue and Park street		348.08	3 feet, circular brick	Contract.
		755.65	24-inch pipe	
		285.50	18-inch pipe	
		468.45	12-inch pipe	
		95.00	10-inch pipe	
Goldsmith Brook Conduit in South and St. Joseph streets	Keyes street and Woodman street	137.63	6 feet × 6 feet, brick	Day labor.
Kirk street Brook outlet in private land	Centre street and Montview street	1,304.14	24-inch pipe	Contract.
Neponset avenue branch of Stony Brook in private land	Mt. Hope street and Hyde Park avenue,	399.10	4 feet × 1 foot 6 inches, wood,	Day labor.
Spring st. Brook in private land	Powell street and Centre street	234.10	30-inch pipe	Contract.

Culverts built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Beech street, 350 feet northwest of Washington street		25.85	30-inch pipe	Day labor.
Hemlock street		42.00	24-inch pipe	Contract. Rebuilding.
Hyde Park avenue, south of Mt. Hope street, near No. 497		151.67	30-inch pipe	Day labor.
La Grange st., near Glenham st.		39.85	30-inch pipe	Day labor. Rebuilding.
Weld st., near La Grange st.		54.00	30-inch pipe	Day labor. Rebuilding.

West Roxbury. — *Concluded.*

Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Corey street	Existing sewer and Ruskin street	200.65	12-inch pipe.	
Chocorua street	Walk Hill street and 250 feet westerly	228.35	12-inch pipe.	

Dorchester.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Built in	Between	Length in Feet.	Dimensions and Materials.	Remarks.
Bird street	Columbia road and Virginia street	338.70	12-inch pipe	Contract. Rock.
Dorchester intercepter	Dorchester avenue, easterly, near Freeport street	163.00	5-feet, circular brick	Day labor. Rebuilding.
Freeport street	Kimball street and Linden street	188.00	15-inch pipe	Day labor. Rebuilding.
Savin Hill avenue	Grampian Way and N. Y., N.H. & H. R.R.	66.00	15-inch pipe	Contract.
		226.20	12-inch pipe	
Savin Hill avenue	Wesley avenue, westerly	202.20	12-inch pipe	Contract. Rock.
Vaughan avenue	Geneva avenue, easterly	515.08	12-inch pipe	Contract. All rock.
Wesley avenue	Existing sewer and Savin Hill avenue	342.93	12-inch pipe	Contract. Some rock.

Sewers built between February 1, 1901, and February 1, 1902, by the City, in streets laid out under Chapter 323 of the Acts of 1891 as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Built in	Between	Length in Feet.	Dimensions and Materials.	Remarks.
Columbia road	At railroad crossing near Hamilton st.	505.33	15-inch pipe	Day labor.
		436.27	12-inch pipe	
		195.00	6-inch, house drain	
		271.80	10-in. pipe, catch-basin drain,	
		190.70	12-in. pipe, catch-basin drain,	
		371.50	18-in. pipe, catch-basin drain,	
		.....	13 catch basins	

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Fayston street	Blue Hill avenue and Mascoma street	20.00	10-in. pipe, catch-basin drain,	Day labor.
		.....	2 catch-basins	
Hancock street	Columbia road and Winter street	361.10	3 feet, circular brick surface drain	Day labor.
		340.71	3 feet 6 inches, circular brick surface drain	
		64.80	4 feet 6 inches, circular brick surface drain	
		184.00	15-in. pipe, catch-basin drain,	
		449.00	12-in. pipe, catch-basin drain,	
		574.64	10-in. pipe, catch-basin drain,	
		1,115.00	6-inch pipe, house drain	
		.....	16 catch-basins	
		.....	1 drop-inlet	
		.....	1 18-inch gate manhole	
		.....	1 overflow manhole	
		.....	3 lamp holes	
Hinckley street	Pleasant street and Bakersfield street	130.00	6-inch house drain	Contract.
		10.00	10-inch catch-basin drain	
		.....	1 catch-basin	
Leonard street	Duncan street and Adams street	485.85	12-inch pipe	Contract.
		24.00	10-in. pipe, catch-basin drain,	
		300.00	6-inch pipe, house drain	
		.....	2 catch-basins	
Millet street	Park street and Athelwold street	450.22	12-inch pipe	Contract.
		214.10	12-in. pipe, catch-basin drain,	
		40.00	10-in. pipe catch basin drain,	
		286.00	6-inch pipe, house drain	
		.....	4 catch-basins	
Mosley street	Crescent avenue and Columbia road	626.10	12-inch pipe	Contract.
		29.00	10-in. pipe, catch-basin drain,	
		340.00	6-inch pipe, house drain	
		.....	3 catch-basins	
Morrill st	Pleasant street and Bakersfield street	106.00	6-inch pipe, house drain	Contract.
		15.00	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Normandy street	Lawrence avenue and Grove street	30.00	10-in. pipe, catch-basin drain,	Day labor.
		20.00	6-inch pipe, house drain	
		.....	1 catch-basin	

Dorchester. — *Concluded.*

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, of Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Spencer street	Athelwold street and Harvard street	7.00	10-in. pipe, catch-basin drain,	Day labor.
		83.00	6-inch pipe, house drain	
		.....	1 catch-basin	
Thane street	Athelwold street and Harvard street	290.20	12-inch pipe	Contract.
		15.00	10-in. pipe, catch-basin drain,	
		143.00	6-inch pipe, house drain	
		42.12	12-inch pipe	Day labor. Rebuilding.
		.....	1 catch-basin	
Windermere road	Stoughton street and Cushing avenue	152.00	6-inch pipe, house drain	Contract.
		25.00	10-in. pipe, catch basin drain,	
		21.00	12-inch pipe	
		.....	4 catch-basins	

Surface drains built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Crescent-avenue brook	N.Y., N.H. & H. R.R. and Carson st.	558.20	6 feet 6 inches, circular brick,	Day labor.
Freeport-street brook	Hancock street and Trull street	680.00	4 feet, circular brick	Contract.
Glenway street	See York and Glenway streets.			
Savin Hill avenue	Grampian way and N.Y., N.H. & H. R.R.	201.30	12-inch pipe	Contract.
		148.15	10-inch pipe	
Tenean creek	Geneva avenue and Marlowe street	234.74	3 feet 6 inches, circular brick,	Day labor.
York and Glenway streets	Greenwood street and Harlem street	657.00	2 feet 6 inches, circular brick,	Contract.
		28.00	10-in. pipe, catch-basin drain,	
Mt. Vernon street	Shoreham street and Columbia avenue	430.21	24-inch pipe	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.

Castlegate street	Normandy street and Blue Hill avenue.	410.00	12-inch pipe.	
Grove park	Existing sewer and Grove street	138.65	12-inch pipe.	
Harbor View street	Dorchester avenue and Sydney street	170.55	12-inch pipe.	

South Dorchester.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Adams street	Milton street and O. C. R. R. bridge	173.00	12-inch pipe, sewer	Day labor.
Ballou avenue	Willowwood street and Mascot street	291.53	12-inch pipe, sewer	Day labor.
Maxwell street	Capen street and Milton avenue	558.00	12-inch pipe, sewer	Contract. Some rock.
Norfolk street	Nelson street and Capen street	676.86	12-inch pipe, sewer	Day labor.
Mill street	Capen, Preston and Harrison streets	927.00	18-inch pipe, sewer	Contract. Some rock.
		1,060.00	12-inch pipe, sewer	Contract.
Mill street	Capen, Preston and Harrison streets	40.00	18-inch pipe, sewer	Day labor.
Selden street	Nelson street and Capen street	652.00	12-inch pipe, sewer	Day labor. Considerable rock.
Tileston avenue	Blue Hill avenue (north of Walk Hill street), 550 feet westerly	535.45	12-inch pipe, sewer	Contract. Considerable rock.
Avondale place	With outlet in private land	425.00	12-inch pipe, sewer	Contract. Considerable rock.

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Blue Hill avenue	Walk Hill street and River street	1,285.00	15-inch pipe, sewer	Contract. Considerable rock.
		120.00	12-inch pipe, sewer	
Blue Hill avenue	Walk Hill street and River street	1,037.44	15-inch pipe, sewer	Day labor. Some rock.
		225.00	12-inch pipe, sewer	
Blue Hill avenue	Walk Hill street and River street	690.73	12-inch pipe, sewer	Contract. Considerable rock.
Capen street	Evans street and Fairmount street	40.00	12-inch pipe, sewer	Contract.
		351.00	6-inch pipe, house drain	
Gibson street	Dorchester avenue and Adams street	452.00	6-inch pipe, house drain	Day labor.

South Dorchester. — *Continued.*

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Templeton street	Dorchester avenue and Adams street	41.30	12-inch pipe, sewer	Contract.
		658.00	6-inch pipe, house drain	
Wainwright street	Centre street and Welles avenue	6.00	15-inch pipe, sewer	Day labor.
		284.50	12-inch pipe, sewer	
		406.00	6-inch pipe, house drain	
West Selden street	Morton street and Manchester street	829.40	12-inch pipe, sewer	Contract. Considerable rock.
		1,638.00	6-inch pipe, house drain	
West Tremlett street	Outlet in Whitfield street and Wheatland avenue	640.00	12-inch pipe, sewer	Contract.
		150.00	6-inch pipe, house drain	
Torrey street	Wentworth street and Washington street	416.00	6-inch pipe, house drain	Contract.
		96.00	6-in. pipe, house drain relaid,	
Bushnell street	Beale street and Peabody square	8.00	6-inch pipe, house drain	

Surface drains built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Adams street	Near Pierce square	245.00	12-in. pipe, catch-basin drain,	Day labor. Some rock.
		27.00	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Bismarck street	Near Oakland street	383.50	5 ft. × 4 ft., stone conduit	Contract.
Bushnell street	Beale street and Peabody square	455.80	18-in. pipe, catch-basin drain,	Contract.
		263.20	15-in. pipe, catch-basin drain,	
		317.53	12-in. pipe, catch-basin drain,	
		132.65	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Davenport-brook conduit	Bailey street and Burt street	25.72	4 ft. 6 in., circ. brick conduit,	Day labor.
		6.90	4 ft. 6 in., stone conduit	
Dix street	Adams street and Dorchester avenue	279.80	15-in. pipe, catch-basin drain,	Contract.
		505.20	12-in. pipe, catch-basin drain,	
		83.85	10-in. pipe, catch-basin drain,	
		.....	5 catch-basins	

River street	Washington street and Idaho street		5 catch-basins	Contract.
Wentworth street branch Canterbury branch Stony brook	Bernard street and Wentworth street	489.30 392.00 25.00 	18-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 2 catch-basins	Day labor. Some rock.
Rosemont road, southeast	Florida street and Adams street	300.60	12-in. pipe, catch-basin drain,	Day labor.
Adams street	Milton street and Old Colony R.R. bridge	114.00 	10-in. pipe, catch-basin drain, 3 catch-basins	Day labor.
Maxwell street	Capen street and Milton avenue	298.00 	12-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Canterbury branch, Stony brook in Lyons street	Callender street and Franklin Field	53.83	10-ft. diameter, brick conduit,	Contract. Considerable rock.
Avondale place	With outlet in private land	390.00	20-in. pipe, catch-basin drain,	Contract. Considerable rock.
Canterbury branch, Stony brook.	In Franklin Field, near Lyons street	783.00	10 ft. diameter, brick conduit.	Day labor. Considerable rock.
Neponset avenue	Adams street and Minot street	742.00 	12-in. pipe, catch-basin drain, 7 catch-basins	Day labor.
Oakland Garden fork, Canterbury branch, Stony brook	In Franklin Field, near Bernard street	195.00 754.00	8 ft. 3 in. dia., brick conduit, 5 ft. 3 in. dia., brick conduit,	Contract. Some rock.

Surface Drains built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Blue Hill avenue	Walk Hill street and River street	488.00 206.00 	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 21 catch-basins	Contract. Considerable rock.
Blue Hill avenue	Walk Hill street and River street	157.00 308.00 37.00 112.00 	18-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 7 catch-basins 4 catch-basins rebuilt	Day labor.
Capen street	Evans street and Fairmount street	20.00 32.00	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.
Fairfax street	Carruth street and Beaumont street	75.00 	10-in. pipe, catch-basin drain, 5 catch-basins	Day labor.
Gibson street	Adams street and Dorchester avenue	516.00 102.00 	18-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, Catch-basins	Day labor.
Blue Hill avenue, Mattapan-brook conduit	Walk Hill street and River street	871.02	6 feet 6 inches, circular brick conduit	Contract.

South Dorchester. — *Concluded.*

Surface Drains built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Blue Hill avenue, Mattapan-brook conduit	Walk Hill street and River street	33.00	8 feet 8 inches × 5 feet 3 inches, brick conduit	Day labor.
		12.00	8 ft. 8 in. × 5 ft. 3 in. to 6 ft. 6 in., brick reducer	
Templeton street	Dorchester avenue and Adams street	498.50	18-in. pipe, catch-basin drain,	Contract.
		457.70	12-in. pipe, catch-basin drain,	
		170.54	10-in. pipe, catch-basin drain,	
		.....	10 catch-basins	
Torrey street	Wentworth st. and Washington st.	565.00	15-in. pipe, catch-basin drain.	
		968.00	12-in. pipe, catch-basin drain.	
		150.00	10-in. pipe, catch-basin drain.	
		.....	11 catch-basins.	
West Selden street	Morton street and Manchester street	1,000.00	4 feet 3 inches, circular brick conduit	Contract. Considerable rock.
		37.75	3-foot pipe, catch-basin drain,	
		91.42	24-in. pipe, catch-basin drain,	
		697.82	15-in. pipe, catch-basin drain,	
		1,792.50	12-in. pipe, catch-basin drain,	
		267.82	10-in. pipe, catch-basin drain,	
		.....	27 catch-basins	
		.....	8 drop inlets	
West Selden street	Morton street and Manchester street	4.00	10-in. pipe, catch-basin drain,	Day labor.
West Tremlett street	With outlet in Whitfield street and Wheatland avenue	210.00	18-in. pipe, catch-basin drain,	Contract.
		275.10	15-in. pipe, catch-basin drain,	
		490.00	12-in. pipe, catch-basin drain,	
		.....	1 catch-basin	
Wainwright street	Centre street and Welles avenue	12.00	5 feet, circular brick conduit,	Day labor.
		6.00	5 feet to 4 feet, brick reducer,	
		301.16	4 feet, circular brick conduit,	
		304.20	24-in. pipe, catch-basin drain,	
		35.00	20-in. pipe, catch-basin drain,	
		130.00	10-in. pipe, catch-basin drain,	
		.....	6 catch-basins	

Culverts built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Neponset avenue	At Neponset Playground, near Blackwell street	51.44	3 feet 6 inches, circular brick culvert	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.

Gustine street	King street and Spaulding street	442.90	12-inch pipe, sewer.	
Helen street	Talbot avenue and Bernard street	236.85	12-inch pipe, sewer.	
Lafield street	Dix street and Centre street	347.86	12-inch pipe, sewer.	
Leslie street	Dix street and Centre street	350.83	12-inch pipe, sewer.	
Penhallow street	Melville avenue and Mather street	293.76	12-inch pipe, sewer.	
Rosemont street	Train street and Gustine street	390.00	12-inch pipe, sewer.	
Spaulding street	Train street and Gustine street	202.97	12-inch pipe, sewer.	

Roxbury.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Burnham, Southampton and Akinson streets	Massachusetts avenue and tide-water	806.00 44.00	24-inch pipe 20-inch pipe	Contract.
Clifton and George streets	Rockford street and Clarence street	650.95	24-inch pipe	Contract. Rebuilding.
Fort avenue	Existing sewer and Highland Park st.	220.27	12-inch pipe	Contract. All rock.
Humboldt avenue	Ruthven street and Homestead street	25.00 162.00	15-inch pipe 6-inch pipe, house drain	Rebuilding. Contract.
Humboldt avenue	Waumbeck street and Harrishof street	605.50	12-inch pipe	Day labor.
Massachusetts avenue	Lansdowne street and Magazine street	180.01	12-inch pipe	Day labor.
Rand street	Brookford street and Julian street	252.82	12-inch pipe	Contract. All rock.
Ritchie street	Columbus avenue and land of the City of Boston	275.40	2 feet × 3 feet, egg brick	Day labor.
Ruthven street	Walnut avenue and Humboldt avenue	507.40 120.00 29.40	18-inch pipe 6-inch pipe house drain 12-inch pipe	Contract. Rebuilding.
Washington place	Vernon street and Roxbury street	448.20	12-inch pipe	Day labor.
Walnut avenue	Cobden street and Ruthven street	217.00	6-inch pipe, house drain	Contract. Rebuilding.

Roxbury. — *Concluded.*

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Carlow street	Chadwick street and Albany street	254.15 10.00 173.00	12-inch pipe 10-in. pipe, catch-basin drain, 6-inch house drain 1 catch-basin	Contract.

Surface Drains built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Humboldt avenue	Ruthven street and Homestead street	291.22 115.00 59.00 48.00 59.00	3 feet 9 inches, circular brick, 10-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain, 18-in. pipe, catch-basin drain, 20-in. pipe, catch-basin drain, 1 overflow manhole 1 18-inch gate, manhole	Contract.
Ruthven street	Walnut avenue and Humboldt avenue	1,298.01 80.00	3 feet 9 inches, circular brick, 10-in pipe, catch-basin drain, 2 catch-basins	Contract.
Walnut avenue	Cobden street and Ruthven street	397.19 322.57 89.50	3 feet 6 inches, circular brick, 4 feet 3 inches, circular brick, 10-in. pipe, catch-basin drain,	Contract.

Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.

Chisholm park	Off Warren street, easterly	528.65	12-inch pipe	Rock.
Fulda street	Valentine street, westerly	38.70	12-inch pipe.	

Sewers Abandoned or Rebuilt between February 1, 1901, and February 1, 1902.

Roxbury.

Clifton and George streets	Bockford street and Clarence street	650.95	12-inch pipe	Rebuilt.
Humboldt avenue	Ruthven street and Homestead street	25.00	15-inch pipe	Rebuilt.
Ruthven street	Walnut avenue and Humboldt avenue	276.00	18 inches × 24 inches, brick	Rebuilt.
		231.40	15-inch pipe	
		29.40	12-inch pipe	

Dorchester.

Columbia road	At crossing, N.Y., N. H. & H. R.R., at Hamilton street	436.00	36 inches × 42 inches, brick	Abandoned.
		150.00	15-inch pipe	
		30.00	12-inch pipe	
		84.00	12-inch pipe	Rebuilt.
Dorchester intercepter	Dorchester avenue, easterly, near Freeport street	163.00	5 feet, circular brick	Rebuilt.
Freeport street	Kimball street and Linden street	8.00	15-inch pipe	Abandoned.
		188.00	15-inch pipe	Rebuilt.
Tenean creek	Geneva avenue and Marlowe street	44.00	4 feet × 3 feet 6 in., brick	Rebuilt.
Thane street	Athelwold street and Harvard street	42.12	12-inch pipe	Rebuilt.
York and Glenway streets	Greenwood street and Harlem street	22.00	24-inch brick	Rebuilt.

South Boston.

B street	Fourth street and Silver street	60.89	2 ft. × 2 ft. 4 in., circular brick,	Rebuilt.
Columbia road	G street and H street	20.70	12-inch pipe	Rebuilt.
D street	West Second street and Broadway	139.00	26 inches × 32 inches, brick	Rebuilt.
		131.00	2 feet × 2 feet 6 in., brick	
		374.00	2 feet × 2 feet, brick	
		34.50	12 inches × 16 inches, brick	
		55.00	2 feet × 2 feet 3 in., brick	Abandoned.
		25.00	20 inches, brick	
West Seventh street	B street and D street	230.00	2 feet × 3 feet, brick	Rebuilt.
		145.00	3 feet × 4 feet, wood	
Silver street	B street and D street	567.00	18 inches × 18 inches, brick	Rebuilt.
		478.00	16 inches × 24 inches, brick	
Tudor street	C street and D street	547.75	12-inch pipe.	

Roxbury.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Locality.		Length in feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Lansdowne street	Ipswich street, westerly	203.00	30 in. × 36 in., brick sewer	Day labor.
Hayden street	Lawn street and Fisher avenue	132.14	12-inch pipe, sewer	Day labor.
Parker Hill avenue	Calumet street, westerly	500.02	12-inch pipe, sewer	Contract.
Smith street (Smith-street district surface drainage)	St Alphonsus street and Whitney street,	168.50	12-inch pipe, sewer	Rebuilt. Day labor.
Gay Head and Round Hill streets,	Minden street and Walden street	214.74	30 in. × 36 in., brick sewer	Day labor. (Required on account of gas-pipe).
		345.38	18-inch pipe, sewer	
		169.96	18-inch pipe, sewer	
Norway street	Turner st. and Massachusetts ave	254.69	18-inch pipe, sewer	Rebuilt. Day labor.
Smith street (Smith-street district surface drainage)	Parker street and Phillips street	6.50	15-inch iron pipe, sewer	Rebuilt. Day labor.

Sewers built by Contract between February 1, 1901, and February 1, 1902.

Parker Hill avenue	Calumet street, westerly	500.02	12-inch pipe, sewer.	
South Huntington avenue	Heath and Bynner streets	90.20	10-inch pipe, sewer.	
Brookline avenue	Longwood entrance and Riverway	1,006.00	15-inch pipe, sewer.	
		906.77	12-inch pipe, sewer.	
		282.04	12-inch pipe, supplementary sewer.	
		570.56	3 feet 9 inches, circular brick, catch-basin drain.	
		758.19	24-in. pipe, catch-basin drain.	
		236.00	18-in. pipe, catch-basin drain.	
		1,064.47	15-in. pipe, catch-basin drain.	
		252.66	12-in. pipe, catch-basin drain.	
		12.50	48-inch iron pipe, catch-basin drain.	
		23.00	10-inch pipe, house drain.	
		75.42	16-inch iron pipe, catch-basin drain.	

Gainsborough street.....	St. Stephen st. and Hemenway st.....	635.15	30 in. × 36 in., brick sewer.	
		96.00	12-inch pipe, sewer.	

Including 10-inch pipe, sewer and upwards, and 12-inch pipe, surface drain and upward.

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Lansdowne street.....	Ipswich street, westerly	98.90	30 in. × 36 in., brick sewer...	Day labor.
Brookline avenue.....	Longwood entrance and Riverway.....	1,006.00	15-inch pipe, sewer.....	Contract.
		906.77	12-inch pipe, sewer.....	
		282.04	12-inch pipe, sup. sewer.....	
		1,690.25	8-inch pipe, house drain	
		.....	1 18-inch tide-gate manhole...	
		23.00	10-inch pipe, house drain	
		570.56	3 feet 9 inches, brick, catch-basin drain.....	
		758.19	24-in. pipe, catch-basin drain,	
		236.00	18-in. pipe, catch-basin drain,	
		1,064.47	15-in. pipe, catch-basin drain,	
		252.66	12-in. pipe, catch-basin drain,	
		903.23	10-in. pipe, catch-basin drain,	
		12.50	48-inch iron pipe, catch-basin drain.....	
		75.42	16-inch iron pipe, catch-basin drain.....	
		74.42	10-inch iron pipe, catch-basin drain	
		.....	18 catch-basins.....	
		.....	2 drop-inlets.....	
Gainsborough street.....	St. Stephen street and Hemenway street.	635.15	30 in. × 36 in., brick sewer...	Contract.
		96.00	12-inch pipe, sewer.....	
		714.00	6-inch pipe, house drain	
		82.00	10-in. pipe, catch-basin drain,	
		.....	6 catch-basins	
South Huntington avenue.....	Heath street and Bynner street..	90.20	10-inch pipe, sewer.....	Contract. Part rock.
		1,550.00	6-inch pipe, house drain	
		142.00	10-in. pipe ,catch-basin drain,	
		.....	2 catch-basins	
		.....	6 drop-inlets..... ...	
		.....	9 catch-basins, rebuilt.....	

Roxbury. — *Concluded.*

Sewers built between February 1, 1900, and February 1, 1901, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Darling street	Calumet street and Hillside street	89.00	6-inch pipe, house drain 2 catch-basins	Contract. Not finished.
Public alley No. 905	Marlborough street and Massachusetts avenue	20.00 8.00	8-inch iron pipe, sewer 10-in. pipe, catch-basin drain, 2 catch-basins	Day labor.
Surface Drains built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.				
Beacon street	Raleigh street and Bay State road	345.07 10.52	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 2 catch-basins	Day labor.
Smith street (Smith-street district surface drainage)	Parker street and Whitney street	1,423.21 16.50 14.00 160.00	3 feet 3 in. diameter, circular brick, catch-basin drain 24-in. pipe, catch basin drain, 3 feet 3 in. × 4 feet 5 in., brick, catch-basin drain 10-inch pipe	Day labor.
Whitney street (Smith-street district surface drainage)	Smith street and Tremont street	530.00	24-in. pipe, catch-basin drain,	Day labor.
Tremont street (Smith-street district surface drainage)	Whitney street and St. Alphonsus street,	.....	24-in. pipe (excavation only),	Day labor.
Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.				
Medfield street	St. Mary's street and Audubon road	23.00 20.00 54.00	12-inch pipe, sewer. 10-inch pipe, sewer. 6-inch pipe, house drain.	
Lansdowne street	Ipswich street, westerly	25.00 50.76	12-inch pipe, sewer. 6-inch pipe, house drain.	

Surface Drains built between February 1, 1901, and February 1, 1902, by Private Parties.

Medfield street	St. Mary's street and Audubon road	18.00	10-in. pipe, catch-basin drain.	
		.....	2 catch-basins.	
Lansdowne street	Ipswich street, westerly	201.60	12-in. pipe, catch-basin drain.	
		44.05	10-in. pipe, catch-basin drain.	
		.....	1 catch-basin.	
		.....	1 drop inlet.	

City Proper and Roxbury.

List of Sewers Abandoned or Rebuilt between February 1, 1901, and February 1, 1902.

Green street	Stanford street and Norman street	66.00	12-inch pipe, sewer	Rebuilt.
Milk street	Arch street and Washington street	161.36	12 in. × 12 in., brick, wood and slate sewer	Rebuilt.
Chandler street	Cazenove street and Berkeley street	85.42	12-inch pipe, sewer	Rebuilt.
Smith street	St. Alphonsus st. and Whitney st	168.50	12-inch pipe, sewer	Rebuilt. Roxbury.
Gay Head st. and Round Hill st	Minden street and Walden street	224.00	15-inch, brick sewer	Rebuilt. Roxbury.
Norway street	Turner street and Massachusetts avenue,	254.69	18 inch pipe, sewer	Rebuilt. Roxbury.
Bowdoin street	Derne street and Beacon street	163.00	12-inch pipe, sewer	Rebuilt.
		123.00	9-inch cement pipe, sewer	
		127.00	Size and material unknown	
Poplar street	Charles street and Auburn street	65.00	26-inch, brick sewer	Rebuilt.
		30.00	2 feet × 2 feet, wood sewer	
Brookline avenue	Longwood entrance and Riverway	17.00	12-inch pipe, sewer	Abandoned. Roxbury.
		114.00	10-in. pipe, catch-basin drain,	
Oak street	Hudson street and Albany street	154.00	18 in. × 18 in., wood sewer	Rebuilt.
Stillman street	Endicott st. and South Margin st	185.00	2 feet × 2 feet, wood and brick sewer	Rebuilt.
Beverly street	Charlestown street and Causeway street.	157.00	2 feet × 3 feet, wood sewer	Rebuilt.
		103.00	3 feet × 3 feet, wood sewer	
		193.00	18 in. × 22 in., wood sewer	
Irving street	Phillips street and Myrtle street	284.00	12 inches × 8 inches, slate, brick, and wood, sewer	Rebuilt.
		52.60	12 inches × 9 inches, brick, wood and stone sewer	
Providence street	Berkeley street and Clarendon street	604.32	12 inches × 18 inches pipe, cement sewer	Rebuilt.

City Proper and Roxbury. — *Concluded.*

List of Sewers Abandoned or Rebuilt between February 1, 1901, and February 1, 1902.

Locality. Built in	Locality. Between	Length in feet.	Dimensions and Materials.	Remarks.
Central street and India street		65.00	5 feet × 6 feet, wood sewer	Rebuilt.
		84.00	4 feet × 4 feet, wood sewer	
		120.00	3 feet × 4 feet, wood sewer	
		155.00	3 feet × 3 feet, wood sewer	
		31.00	2 feet × 2 feet, wood sewer	
		35.00	3 feet × 4 feet, wood sewer	
Richmond st. and North st.	Fulton street and Sun-court street	110.00	18 in. × 18 in., brick, wood and slate, sewer	Rebuilt.
		146.00	Size unknown, brick sewer	
Edinboro street	Beach street and Essex street	97.00	2 ft. 3 in. × 2 ft. 1 in., brick sewer	Rebuilt.
		26.00	15-inch pipe, sewer	
		59.00	18 in. × 18 in., brick sewer	
Traverse street	Canal street and Portland street	170.00	2 ft. 2 in. × 3 ft. 6 in., wood sewer	Rebuilt.
Portland street	Traverse street and Causeway street	395.00	2 feet × 2 feet, wood sewer	Rebuilt.
Smith street	Parker street and Whitney street	6.50	15-inch pipe, sewer	Rebuilt. Roxbury.
		75.00	10-in. pipe, catch-basin drain,	Abandoned and rebuilt. Roxbury.

City Proper.

Sewers built by Contract, between February 1, 1901, and February 1, 1902.

Public alley No. 502		6.00	16-inch iron pipe.	
Milk street	Arch street and Washington street	161.36	15-inch pipe, sewer.	
Milk street	Atlantic avenue and India street	141.38	12-in. pipe, catch-basin drain.	

Including 10-inch pipe, sewer and upwards, and 12-inch pipe, surface drains and upwards.

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Storer street	Atlantic avenue and India street	47.50	12-inch pipe, sewer	Day labor.
		11.76	10-in. pipe, catch-basin drain,	
		91.71	6-inch pipe, house drain	
		.....	2 catch-basins	
Milk street	Atlantic avenue and India street	141.38	12-in. pipe, catch-basin drain,	Contract.
		148.26	10-in. pipe, catch-basin drain,	
		35.00	6-inch pipe, house drain	
		.....	8 catch-basins	
Berkeley street	Boylston street and Columbus avenue	305.00	8-inch pipe, house drain	Day labor.
Public alley No. 441	Exeter street and Fairfield street	12.00	12-inch pipe, sewer	Day labor.
		19.00	10-in. pipe, catch-basin drain.	
		105.50	6-inch pipe, house drain	
		.....	2 catch-basins	
		.....	2 drop inlets	
Public alley No. 442	Fairfield street and Gloucester street	9.00	12-inch pipe, sewer	Day labor.
		23.00	10-in. pipe, catch-basin drain,	
		37.00	6-inch pipe, house drain	
		.....	2 catch-basins	
		.....	2 drop inlets	
Public alley No. 706	Common passageway and Newland st.	12.00	10-in. pipe, catch-basin drain,	Day labor.
		.....	1 catch basin	
Public alley No. 443	Gloucester street and Hereford street	6.00	12-in. pipe, sewer	Day labor.
		9.50	10-in. pipe, catch-basin drain,	
		52.00	6-inch pipe, house drain	
		.....	1 catch-basin	
		.....	1 drop inlet	
Public alley No. 444	Hereford st. and Massachusetts ave.	12.00	12-inch pipe, sewer	Day labor.
		39.50	10-in. pipe, catch-basin drain,	
		24.50	6-inch pipe, house drain	
		.....	2 catch-basins	
		.....	2 drop inlets	
Public alley No. 418	Dartmouth street and Exeter street	4.00	6-inch pipe, house drain	Day labor.
Public alley No. 422	Arlington street and Berkeley street	8.00	10-in. pipe, catch-basin drain,	Day labor.
		.....	2 catch-basins	
Public alley No. 423	Berkeley street and Clarendon street	6.00	10-in. pipe, catch-basin drain,	Day labor.
		.....	2 catch-basins	
Public alley No. 424	Clarendon street and Dartmouth street	6.00	10-in. pipe, catch-basin drain,	Day labor.
		.....	2 catch-basins	

City Proper. — *Concluded.*

Sewers built between February 1, 1901, and February 1, 1902, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Public alley No. 426	Exeter street and Fairfield street	130.48 10.00 9.00	12-inch pipe, sewer 6-inch pipe, house drain 10-in. pipe, catch-basin drain, 3 catch-basins	Day labor.
Public alley No. 427	Fairfield street and Gloucester street	11.00 9.00	10-inch pipe 6-inch pipe 2 catch-basins	Day labor.
Public alley No. 428	Gloucester street and Hereford street	6.00 6.00	6-inch pipe, house drain 10-in. pipe, catch-basin drain, 2 catch-basins	Day labor.
Public alley No. 429	Hereford street and Massachusetts ave.,	6.00 9.00 8.00	12-inch pipe 10-in. pipe, catch-basin drain, 6-inch pipe, house drain 3 catch-basins	Day labor.
Public alley No. 430	Hereford street and Massachusetts ave.,	6.00 21.00	10-in. pipe, catch-basin drain, 6-inch pipe 2 catch-basins	Day labor.
Public alley No. 433	Exeter street and Fairfield street	14.00	10-in. pipe, catch-basin drain, 2 catch-basins 2 drop inlets	Day labor.
Public alley No. 434	Dartmouth street and Exeter street	6.00	10-in. pipe, catch-basin drain, 2 catch-basins	Day labor.
Public alley No. 435	Clarendon street and Dartmouth street	12.00	10-in. pipe, catch-basin drain, 2 catch-basins 2 drop inlets	Day labor.
Public alley No. 436	Berkeley street and Clarendon street	....	2 catch-basins 10-in. pipe, catch-basin drain,	Day labor.
Public alley No. 438	Arlington street and Berkeley street	6.00 6.00	10-in. pipe, catch-basin drain, 2 catch-basins	Day labor.
Public alley No. 502	Public alley 503 and Public alley 501	6.00 6.00	16-inch iron pipe 10-in. pipe, catch-basin drain, 1 catch-basin	Contract.
Public alley No. 503	Rutland square and Concord square	6.00	10-in. pipe, catch-basin drain, 1 catch-basin	Contract.
Public alley No. 440	Dartmouth street and Exeter street	4.00	10-in. pipe, catch-basin drain, 2 drop inlets	Day labor.

Public alley No. 414	Hereford street and Massachusetts ave.,	9.00	10-in. pipe, catch-basin drain, 3 catch-basins	Day labor.
Public alley No. 415	Hereford street and Gloucester street	3.00	10-in. pipe, catch basin drain, 1 drop inlet	Day labor.
Public alley No. 416	Gloucester street and Fairfield street	3.00	10-in. pipe, catch-basin drain, 1 catch-basin	Day labor.
Public alley No. 417	Exeter street and Fairfield street	4.00	10-in. pipe, catch-basin drain, 2 drop inlets	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, by the City, either by Contract or Day Labor.

Beverly street	Charlestown street and Causeway street,	656.48	30 in. × 36 in., brick sewer	Day labor.	
Irving street	Phillips street and Myrtle street	339.33	12-inch pipe, sewer	Day labor.	
Providence street	Berkeley street and Clarendon street	604.32	15-inch pipe, sewer	Day labor.	
Portland street	Traverse and Causeway streets	536.00	30 in. × 36 in., brick sewer	Day labor.	
Edinboro street	Beach street and Essex street	182.00	30 in. × 36 in., brick sewer	Day labor.	
Traverse street	Canal street and Portland street	170.00	30 in. × 36 in., brick sewer	Day labor.	Piles by contract.
Richmond and North streets	Fulton street and Sun-court street	344.00 108.03	18-inch pipe sewer 30 in. × 36 in., brick sewer	Day labor.	
India and Central streets		129.11 122.37 35.48 173.02 25.43	5 ft. × 5 ft. 3½ in., brick sewer, 4 feet 6 inches × 4 feet 9½ inches, brick sewer 3 feet 9 inches × 3 feet 11½ inches, brick sewer 30 in. × 36 in., brick sewer 18-inch pipe, sewer	Day labor.	
Oak street	Hudson street and Albany street	53.00	15-inch pipe, sewer	Day labor.	
Stillman street	Endicott street and North Margin street,	128.24	18-inch pipe, sewer	Day labor.	
Green street	Stanford street and Norman street	158.30	12-inch pipe, sewer	Day labor.	
Milk street	Arch street and Washington street	161.36	15-inch pipe, sewer	Contract.	
Poplar street	Charles street and Auburn street	95.00	30 in. × 36 in., brick sewer	Day labor.	
Chandler street	Cazenove street and Berkeley street	85.42	12-inch pipe, sewer	Day labor.	Rebuilding.

Surface Drains built between February 1, 1901, and February 1, 1903, by the City, either by Contract or Day Labor.

Arlington street	Marlborough street and Public alley 422,	146.00	12-in. pipe, catch-basin drain,	Day labor.

Sewers built between February 1, 1901, and February 1, 1902, by Private Parties.

Bowdoin street	Derne street and Beacon street	355.00	12-inch pipe, sewer	Built by State.
State street	Opposite India street	34.00	2 feet 2 inches × 3 feet 3 inches, brick sewer	By Transit Commission.

Summary of Sewer Construction for the Twelve Months ending January 31, 1902.

DISTRICT.	Built by the City by Contract or Day Labor.	Built by Private Parties.	Total length built during the Twelve Months ending January 31, 1902.
	feet.	*feet.*	*feet.*
City Proper	5,734.98	389.00	6,123.98
East Boston	6,940.76	.....	6,940.76
Charlestown	3,674.31	1,018.90	4,693.21
South Boston	8,438.41	3,559.91	11,998.32
Roxbury	23,102.58	1,003.76	24,106.34
West Roxbury	21,299.02	429.00	21,728.02
Dorchester	47,415.24	2,984.37	50,399.61
Brighton	5,487.22	4,619.73	10,106.95
Total	122,092.52	14,004.67	136,097.19

Summary of Sewer Construction for Five Years previous to February 1, 1902.

	1897.	1898.	1899.	1900.	1901.
	feet.	*feet.*	*feet.*	*feet.*	*feet.*
Built by the city by contract or day labor	134,324.93	203,139.68	99,772.15	78,255.92	122,092.52
Built by private parties	38,969.14	9,325.99	17,955.05	15,438.28	14,004.67
Total number of feet built	173,294.07	212,465.67	117,727.20	93,694.20	136,097.19

Schedule of Sewers Built to Date in the City of Boston, February 1, 1902.

DISTRICT.	Total Length Built during 12 Months ending January 31, 1902.	Length Rebuilt and Abandoned during the 12 Months ending January 31, 1902.	Additional Length for 12 Months ending January 31, 1902.	
	feet.	*feet.*	*feet.*	*miles.*
City Proper	6,123.98	4,046.70	2,077.28	0.39
East Boston	6,940.76	970.40	5,970.36	1.13
Charlestown	4,693.21	1,530.34	3,162.87	0.60
South Boston	11,998.32	2,807.84	9,190.48	1.74
Roxbury	24,106.34	2,072.44	22,033.90	4.17
West Roxbury	21,728.02	135.85	21,592.17	4.09
Dorchester	50,399.61	1,167.12	49,232.49	9.32
Brighton	10,106.95	235.15	9,871.80	1.87
Totals	136,097.19	12,965.84	123,131.35	23.31
Length built previous to January 31, 1901				527.75
Total				551.06
Length of intercepting sewer				24.12
Total				575.18
Total mileage of streets containing sewerage works				417.10

South Boston.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Bowen street	C street, westerly	145.55	12-inch pipe	Contract.
Dunham street	See East Ninth street and Dunham street.			
East First street	Vicksburg street and H street	251.23	12-inch pipe	Contract.
East First street	Q street to P street	297.27	5 feet, brick overflow	Day labor.
East Ninth street	K street to L street	280.00	12-inch pipe	Contract.
East Ninth st. and Dunham st	Mercer street and Old Harbor street	559.28	12-inch pipe	Contract.
Foundry street	Broadway and Dorchester avenue	30.00	6-inch pipe, house drain	Contract.
L-street outlet	Reserved Channel and East First street,	277.00	5-foot wood overflow	Day labor.
Mitchell street	East Ninth street and end of street	383.55	12-inch pipe	Contract.
Old Harbor street	East Eighth street and existing sewer	61.15	12-inch pipe	Contract.
West Seventh street	B street, easterly	259.48	4 feet × 4 feet 2¾ inches, brick,	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Bowen street	E street and F street	519.50	12-inch pipe	Contract. Part rebuilt.
		259.00	6-inch pipe, house drain	
		7.00	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Columbia road	Vale street and G street	1,448.91	12-inch pipe, sewer	Day labor.
		138.00	2 feet 6 inches, brick conduit,	
		376.84	24-inch pipe, surface drain	
		289.08	20-inch pipe, surface drain	
		421.16	18-inch pipe, surface drain	
		41.00	15-inch pipe, surface drain	
		11.00	12-inch pipe, surface drain	
		173.20	10-inch pipe, surface drain	
		.....	12 catch-basins	

Columbia road	N. Y., N. H. & H. R. R. and street No. 1746	215.00	2 ft. 6 in., brick surface drain,	Day labor.
Columbia road	G street and H street	134.00	10-in. pipe, catch-basin drain, 4 catch-basins	Day labor.
Columbia road	Champney street and Vale street	132.75 221.60 159.75 95.45 130.02	2 ft. 6 in., brick surface drain, 24-inch pipe, surface drain... 20-inch pipe, surface drain... 12-inch pipe, surface drain... 10-inch pipe, surface drain... 4 catch-basins	Day labor.
Columbia road	P street and Q street	10.00	2 ft. 6in., brick surface drain, 2 catch-basins	Day labor.
Columbia road	Vale street and Ninth street	.....	.....	Park Department.
E street	Fargo st. and Summer-st. extension	31.53 290.00 4.00	12-inch pipe 6-inch pipe, house drain 10-in. pipe, catch-basin drain, 1 catch-basin	Contract.
Vicksburg street	East First street and East Second street,	249.00 29.50	12-inch pipe 10-in. pipe, catch-basin drain, 2 catch-basins	Contract.

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

East First street	Vicksburg street and H street	30.00	10-in. pipe, catch-basin drain, 1 catch-basin	Contract.
Foundry street	Broadway and Dorchester avenue	247.76 58.00	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.
Mitchell street	East Ninth street and end of street	14.00	10-in. pipe, catch-basin drain, 1 catch-basin	Contract.

Surface Drains built between February 1, 1902, and February 1, 1903, by Private Parties.

Midway street	A street and Binford street	334.55	10-in. pipe, catch-basin drain. 9 catch-basins. 5 drop inlets.	

South Boston. — *Concluded.*

Sewers Abandoned or Rebuilt between February 1, 1902, and February 1, 1903.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
East First street	P street and Q street	80.00 217.36	18-inch pipe 2 feet × 2 feet, wood	Rebuilt.
East First street	Vicksburg street and H street	50.00	2 feet × 2 feet, wood	Rebuilt.
Foundry street	Broadway and Dorchester avenue	140.00	2 feet × 2 feet, wood	Abandoned.
Mitchell street	Ninth street and railroad	379.20	12-inch pipe	Rebuilt.
West Seventh street	B street, easterly	258.87	3 feet × 4 feet, wood	Rebuilt.

East Boston.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Bennington street	300 feet west of Ashley avenue and Ashley avenue	272.10	4 feet × 4 feet 3 inches, brick	Day labor. Rebuilt.
Walley and Farrington streets	Gladstone street and Orient avenue	262.13 1,076.03	2 feet × 3 feet, brick 12-inch pipe	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Bennington-street boulevard, North and South sides	Sluiceway and Saratoga street	249.00	10-in. pipe, catch-basin drain, 7 catch-basins	Contract.
Bennington-street boulevard, South side	.....	439.00 172.76 ..... 925.00	10-in. pipe, catch-basin drain, 6-inch pipe, house drain 14 catch-basins 12-inch pipe, sewer	Contract. Day labor.

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Lewis street at ferry	.....	55.00	20-inch pipe	Contract.
		70.00	12-inch pipe	
Saratoga street	Trumbull street and Wordsworth street,	1,358.94	24-inch pipe	Day labor.

Charlestown.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Concord street	Existing sewer and Bartlett street	50.00	12-inch pipe	Day labor. Rebuilt.
		209.90	12-inch pipe	Day labor.
Dorrance street	Arlington avenue and Mystic avenue	599.93	12-inch pipe	Day labor.
Henley street	Wapping street and Navy Yard	346.78	12-inch pipe	Day labor.
Russell street	Auburn street and Oak street	183.50	12-inch pipe	Contract.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Alford street	Mystic river and Everett line	368.01	10-in. pipe, catch-basin drain,	Day labor.
		.....	6 catch-basins	
		.....	6 drop inlets	
Austin street	Washington street and Lawrence street,	18.96	10-in. pipe, catch-basin drain,	Contract.
		.....	2 catch-basins	
Hamblen street	Arlington avenue and George street	115.00	12-in. pipe	Day labor.
Roland street	B. & M. R. R. and Somerville line	167.18	10-in. pipe, catch-basin drain,	Day labor.
		801.49	12-in. pipe, catch-basin drain,	
		175.40	12-inch pipe, sewer	
		253.99	6-inch pipe, house drain	
		.....	9 catch-basins	
Rutherford avenue, Devens and Bow streets	.....	244.00	10-in. pipe, catch-basin drain,	Contract.
		.....	15 catch-basins	

Brighton.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Arden street	Coolidge street and Hooker street	242.00	15-inch pipe	Contract. Rebuilt.
Corey road	Summit avenue and about 170 feet northeasterly	185.66	12-inch pipe	Contract.
Dighton place		299.44	10-inch pipe	Day labor.
Duck-lane place		289.10	12-inch pipe	Contract.
Faneuil street	Market street and Parsons street	550.04	12-inch pipe	Day labor.
Litchfield street	Western avenue and Lincoln street	1,730.17	12-inch pipe	Day labor.
Murdock street	Sewer south of Elmira street and Mapleton street	160.23	12-inch pipe	Contract.
Nantasket avenue, La Rose place, and private land		605.52	12-inch pipe	Contract.
Summit avenue	Allston st. and Commonwealth ave	100.00	12-inch pipe	Contract.
Warren street	Commonwealth ave. and Allston st	530.32	12-inch pipe	Day labor.
Warren street	Commonwealth ave. and 500 feet west	198.65	12-inch pipe	Contract.
		325.03	12-inch pipe	Day labor.
Waverly place		220.15	12-inch pipe	Contract.
Wallingford road	Chestnut Hill avenue and Melton road	50.00	12-inch pipe	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Brackett street	Faneuil street and Washington street	6.38	10-in. pipe, catch-basin drain,	Day labor.
		47.64	6-inch pipe, house drain	
		.....	1 catch-basin	
Oak-square avenue	Faneuil street and Washington street	90.86	6-inch pipe, house drain	Day labor.
		21.92	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Snow street	Washington street and Union street	176.82	6-inch pipe, house drain	Day labor.
		50.04	10-in. pipe, catch-basin drain,	
		.....	4 catch-basins	

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Faneuil Valley brook Conduit in private land	Faneuil street and Parsons street	344.47	11 feet × 9 feet, brick	Day labor.
Faneuil Valley brook Conduit in private land	Lake street and Rogers park	1,034.73	4 feet 6 in., circular brick	Day labor.
Private land Salt Creek brook Conduit in private land and Ashford street	Foster street and Rogers park	269.26 349.23 449.07	18-inch pipe 15-inch pipe 6 feet × 7 feet, brick	Contract. Contract. Day labor.
Sutherland road	Strathmore road and Englewood ave.	399.83	12-inch pipe	Contract.

Sewers built between February 1, 1902, and February 1, 1903, by Private Parties.

Denton road	Cambridge street and Braintree street	523.57	12-inch pipe.
Emery road	Denton road and Cambridge street	618.50	12-inch pipe.
Empire street		459.43	12-inch pipe.
Hollis road	Denton road and Cambridge street	97.50	12-inch pipe.
Peaceable street	Rockland street and Winship street	299.20	12-inch pipe.
Penniman road	Hano street and Braintree street	683.33	12-inch pipe.
Road No. 3	Wallingford road and Commonwealth avenue	168.31	10-inch pipe.
Woodstock avenue	Warren street and Summit avenue	283.90	12-inch pipe.

Sewers Abandoned or Rebuilt between February 1, 1902, and February 1, 1903.

Brighton.

Arden street	Coolidge road and Hooker street	242.00	15-inch pipe	Rebuilt.

Charlestown

Concord street	Existing sewer and Bartlett street	50.00	12-inch pipe	Rebuilt.

Sewers Abandoned or Rebuilt between February 1, 1902, and February 1, 1903.

East Boston.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Bennington street	300 feet west of Ashley avenue and Ashley avenue	272.10	4 feet × 4 feet 3 in., brick	Rebuilt.

West Roxbury.

South street	near Arnold Arboretum	30.00	6 feet × 5 feet 9 inches, brick culvert	Rebuilt.
Walter street		72.00	4 feet 6 in. × 5 feet, stone side, brick arch culvert	Rebuilt.

West Roxbury.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Aldrich street	Belgrade ave. and about 1,465 feet west	1,484.60	12-inch pipe	Contract.
Augustus avenue	Poplar street and Whitford street	630.75	12-inch pipe	Contract.
Augustus avenue	Whitford street and 300 feet south	268.67	12-inch pipe	Contract.
Bellevue avenue	Cedar avenue and 250 feet south	251.45	15-inch pipe	Contract.
Bellevue avenue	Cornell street and Cedar avenue	369.32	15-inch pipe	Contract.
Bellevue street	Oriole street and Lark street	1,197.21	12-inch pipe	Contract.
		153.26	12-inch pipe	Day labor.
Canterbury street	Blue Hill avenue and Calder street	339.63	12-inch pipe	Contract.
Cass street	Powell street and Ashland street	198.25	12-inch pipe	Contract.
Centre street	Arundel street and Hewlett street	387.00	12-inch pipe	Contract.
Centre street	Hewlett street and Farquhar street	240.90	12-inch pipe	Contract.

Centre street	Farquhar street and Fletcher street	199.60	12-inch pipe	Contract.
Centre street	Fletcher street and Montclair avenue	462.89	12-inch pipe	Contract.
Cleaves street	Columbus avenue and School street	244.65	12-inch pipe	Contract.
Clement avenue, Farrington avenue and Kenneth street		732.14	12-inch pipe	Contract.
Kittredge street	Norfolk street and 200 feet west	199.80	12-inch pipe	Contract.
Kittredge and Norfolk streets	Whitford street and Wyman street	499.82	12-inch pipe	Contract.
Knoll street	Selwyn street and 462 feet north	450.00	12-inch pipe	Contract.
Malcolm street	Belgrade avenue and Colberg avenue	840.50	12-inch pipe	Contract.
Montclair ave. and Fletcher st.		1,405.50	12-inch pipe	Day labor.
Mt. Vernon street	Vermont street and 450 feet southeast	500.68	12-inch pipe	Contract.
Ophir street	Brookside ave. and Washington st	590.93	12-inch pipe	Contract.
Powell street	Spring street and Cass street	437.70	12-inch pipe	Contract.
South street	Existing sewer near Dudley avenue and Bradford terrace	493.52	12-inch pipe	Contract.
		183.80	12-inch pipe	Day labor.
Summer street	Powell street and Autumn street	400.00	12-inch pipe	Contract.
Temple street	Spring st. and about 390 ft. northwest	400.35	12-inch pipe	Contract.
Vermont street	Libby street and Mt. Vernon street	629.90	12-inch pipe	Contract.
Wachusett street	Weld Hill street and Varney street	547.05	12-inch pipe	Day labor.
Westover street	Weld st. and about 450 ft. northwest	450.18	12-inch pipe	Contract.
Whitford street	Augustus avenue and Kittredge street	260.00	12-inch pipe	Contract.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Haverford street	Cornwall street and about 310 feet east	12.66	10-in. pipe, catch-basin drain,	Contract.
		41.00	6-inch pipe, house drain	
		.....	2 catch-basins	
Louder's lane		14.40	10-in. pipe, catch-basin drain,	Contract.
		.....	2 catch-basins	
South street	Jamaicaway and Arborway.			
South Huntington avenue	Bynner street and Centre street	2.53	12-inch pipe, sewer	Contract.
		66.23	10-in. pipe, catch-basin drain,	
		3.51	12-in. pipe, catch-basin drain,	
		49.46	6-inch pipe, house drain	
		.....	1 catch-basin	
Tower street	Hyde Park avenue and Forest Hills Cemetery	194.10	18-in. pipe, catch-basin drain,	Contract.
		631.70	12-in. pipe, catch-basin drain,	
		90.17	10-in. pipe, catch-basin drain,	
		585.67	6-inch pipe, house drain	
		.....	5 catch-basins	

West Roxbury. — *Concluded.*

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Walk Hill street	South street and Washington street	188.03	12-inch pipe, sewer	Contract.
		70.50	10-in. pipe, catch-basin drain,	
		157.76	6-inch pipe, house drain	
		.....	8 catch-basins	
Walter street	Centre street and South street	890.00	12-inch pipe, sewer	Contract.
		245.41	24-in. pipe, catch-basin drain,	
		440.12	18-in. pipe, catch-basin drain,	
		419.62	15-in. pipe, catch-basin drain,	
		849.52	12-in. pipe, catch-basin drain,	
		464.81	10-in. pipe, catch-basin drain,	
		675.64	6-inch pipe, house drain	
		.....	20 catch-basins	
		72.00	4 ft. 6 in. × 5 ft., stone sides, brick arch culvert	Contract. Rebuilt.

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Boylston and Lamartine streets	Stony brook and Bell street	247.44	4 feet, circular brick	Day labor.
		452.44	3 feet, circular brick	
		517.22	24-inch pipe	
		487.00	18-inch pipe	
		406.37	12-inch pipe	
		6.00	24-inch pipe, overflow	
Centre st., near Allandale st		161.60	24-inch pipe	Contract.
Centre st., near Bellevue st		37.36	18-inch pipe	Day labor.
Roslindale, branch of Stony brook in private land	Washington street and Cohasset street	68.00	8 feet, circular brick, invert, concrete arch	Day labor.
Montview and Kirk streets		79.00	12-inch pipe	Day labor.

Neponset avenue, brook in private land	hland street and Rowe street	89.30	3 feet, circular brick	Contract.
Neponset avenue, brook in private land	Mt. Hope street and 300 feet west	299.16	4 feet × 1 foot 6 inches, wood,	Contract.
Williams street	50 feet west of Stedman street and 200 feet east of Plainfield street	475.00	4 feet 3 inches, circular brick,	Day labor.

Culverts built between February 1, 1902, and Februarg 1, 1903, by the City, either by Contract or Day Labor.

South st., near Arnold Arboretum,		30.00	6 feet × 5 feet 9 inches, brick,	Contract. Rebuilt.

Sewers built between February 1, 1902, and February 1, 1903, by Private Parties.

Bradford terrace	South street and Centre street	794.66	12-inch pipe.	
Henshaw terrace		81.68	10-inch pipe.	
Pleasant street	La Grange street and Mt. Vernon street,	460.50	12-inch pipe.	
Richards street	Centre street and Montview street	1,231.84	12-inch pipe.	

Dorchester.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Bullard street	Rosseter street and Bowdoin avenue	296.12	12-inch pipe	Contract.
Carson street	Shelburne street and Crescent avenue	208.05	12-inch pipe	Day labor. Rebuilt.
Cornell street	Bellevue street, easterly	348.20	12-inch pipe	Day labor.
Cottage terrace	Marshfield street and E. Cottage street	357.40	12-inch pipe	Day labor.
Crescent-avenue brook	N. Y., N. H. & H. R. R. and Crescent ave.	202.66	20-inch pipe	Day labor. Rebuilt.
		295.94	18-inch pipe	
		23.78	12-inch pipe	
		227.90	12-inch pipe, auxiliary	
		6.00	12-inch pipe, sewer	
		54.00	6-inch pipe, house drain	

Dorchester. — *Continued.*

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Fox street	Adams street and Percival avenue	578.50	12-inch pipe	Contract.
Freeport-street brook	Hancock street and Trull street	12.00	16-inch iron pipe	Contract. Rebuilt.
		12.00	12-inch pipe	
		32.00	6-inch pipe, house drain	
Geneva avenue	Normandy street and Blue Hill avenue	409.60	12-inch pipe	Contract.
Harvard street	Blue Hill avenue and Esmond street	390.62	15-inch pipe	Contract. Rebuilt.
		87.70	12-inch pipe	
Ingleside street	Dacia street and Blue Hill avenue	107.26	12-inch pipe	Contract.
Kineo street	Mascoma street and Magnolia street	370.80	12-inch pipe	Contract.
Marshfield street	Norfolk avenue and Cottage terrace	266.20	15-inch pipe	Day labor.
Mascoma street	Quincy street and Lawrence avenue	564.75	12-inch pipe	Contract.
Millet street	Athelwold street and Harvard street	272.35	12-inch pipe	Contract.
Normandy street	Stanwood street and Geneva avenue	392.00	12-inch pipe	Contract.
Spring street	Bay street and Savin Hill avenue	342.63	12-inch pipe	Contract.
Stanwood street	Columbia road and existing sewer	247.22	12-inch pipe	Contract.
Wales street	Existing sewer and Puritan avenue	446.27	12-inch pipe	Contract.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Bird street	Columbia road and Hancock street	279.10	12-inch pipe, sewer	Contract.
		10.00	10-in. pipe, catch-basin drain,	
		301.00	6-inch pipe, house drain	
		.....	2 catch-basins	
Charlotte street	Blue Hill avenue and Bradshaw street,	297.65	12-inch pipe, sewer	Contract.
		316.05	12-in. pipe, catch-basin drain,	
		102.70	10-in. pipe, catch-basin drain,	
		228.00	6-inch pipe, house drain	
		.....	4 catch-basins	

Columbia road	Buttonwood street and N.Y., N. H. & H. R. R.	35.24	15-in. pipe, catch-basin drain.	
		82.58	12-in. pipe, catch-basin drain.	
		65.52	10-in. pipe, catch-basin drain.	
		.....	5 catch-basins.	
Dakota street	Washington st. and Greenbrier st.	55.25	12-inch pipe, sewer.	
		36.00	10-in. pipe, catch-basin drain.	
		26.00	6-inch pipe, house drain.	
		.....	3 catch-basins	
Fayston street	Blue Hill avenue and Mascoma street	34.00	12-inch pipe	Day labor.
		58.00	10-in. pipe, catch-basin drain,	
		133.00	6-inch pipe, house drain	
		.....	2 catch-basins	
		229.30	12-inch pipe	Contract.
		152.00	6-inch pipe, house drain	
		18.00	10-in. pipe, catch-basin drain,	
		.....	1 catch-basin	
Hamilton street	Columbia road and Mt. Everett street	39.00	10-in. pipe, catch-basin drain,	Contract.
		147.20	6-inch pipe, house drain	
		.....	2 catch-basins	
Hancock street	Columbia road and Winter street	10.00	18-inch pipe, surface drain	Day labor.
		81.20	12-inch pipe, surface drain	
		15.36	10-inch pipe, surface drain	
		63.55	10-inch pipe, sewer	
		15.00	8-inch pipe, sewer	
Hinckley street	Pleasant street and Bakersfield street	36.00	10-in. pipe, catch-basin drain,	Contract.
		.....	3 catch-basins	
Lindsey street	Greenbrier street and Waldeck street	52.00	10-in. pipe, catch-basin drain,	Contract.
		400.00	6-inch pipe, house drain	
		.....	2 catch-basins	
Morrill street	Pleasant street and Bakersfield street	39.00	10-in. pipe, catch-basin drain,	Contract.
		6.00	6-inch pipe, house drain	
		.....	2 catch-basins	
St. Margaret street	Boston street and Roseclair street	244.90	12-inch pipe, sewer	Contract.
		120.50	10-in. pipe, catch-basin drain,	
		393.50	6-inch pipe, house drain	
		.....	4 catch-basins	
Vinson street	Geneva avenue and Park street	303.90	15-inch pipe	Contract.
		90.60	10-in. pipe, catch-basin drain,	
		56.00	6-inch pipe, house drain	
		.....	2 catch-basins	
Wayland street	Dacia street and Howard avenue	170.00	12-inch pipe	Contract.
		88.00	10-in. pipe, catch-basin drain,	
		250.00	6-inch pipe, house drain	
		.....	3 catch-basins	

Dorchester. — *Concluded.*

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Carson street	Shelburne street and Crescent avenue	209.96	4 feet 3 inches, brick conduit,	Day labor.
Clapp street	Massachusetts avenue easterly	175.00 155.24	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 3 catch-basins	Contract.
Crescent-avenue brook	N. Y., N. H. & H. R.R. and Crescent ave.,	536.83 30.30 569.27	6 feet 6 inches, brick conduit, 4 feet 3 inches, brick conduit, 4 feet, brick conduit	Day labor.
Freeport-street brook	Hancock street and Trull street	166.09 101.63 58.00 52.00 86.00 39.00	4 feet, brick surface drain 3 ft. 6 in., brick surface drain, 18-inch pipe, surface drain 15-inch pipe, surface drain 12-inch pipe, surface drain. 10-inch pipe, surface drain	Contract.
Freeport-street brook	Tide-water and Bowdoin street	690.17 194.00	6 feet, brick conduit 4 feet 6 inches, brick conduit,	Day labor.
Tenean creek	Geneva avenue and Marlowe street	68.50	3 feet 6 inches, brick conduit,	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by Private Parties.

Millet street	Faxon street and existing sewer	461.36	12-inch pipe.	
Sudan street	Sagamore street and Dorchester ave.	478.25	12-inch pipe.	
Sumner terrace	Sumner street westerly	183.30	12-inch pipe.	

Sewers abandoned or rebuilt between February 1, 1902, and February 1, 1903.

Carson street	Shelburne street and Cresent avenue	208.05 32.00	12-inch pipe 18-inch pipe	Rebuilt. Abandoned.
Charlotte street	Bradshaw street and Blue Hill avenue	50.00	10-inch pipe	Rebuilt.
Cottage terrace	Marshfield street and East Cottage st.	357.40	12-inch pipe	Rebuilt.

Crescent-avenue brook	N.Y., N. H. & H. R. R. and Cresent ave.	202.66	20-inch pipe	Rebuilt.
		295.94	18-inch pipe	
		23.78	12-inch pipe	
Freeport-street brook	Hancock street and Trull street	12.00	15-inch pipe	Rebuilt.
		12.00	12-inch pipe	
Harvard street	Blue Hill avenue and Esmond street	428.32	12-inch pipe	Rebuilt.
Hancock street	Columbia road and Winter street	194.67	12-inch pipe	Rebuilt.
		70.00	30 in. × 18 in., stone culvert	
		25.00	18-inch pipe, surface drain	Rebuilt.
		49.00	8-inch pipe	Abandoned.
Marshfield street	Norfolk avenue and Cottage terrace	266.20	12-inch pipe	Rebuilt.
Vinson street	Geneva avenue and Park street	303.90	15-inch pipe	Rebuilt.

South Dorchester.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Avondale place	With outlet in private land	1,176.60	12-inch pipe, sewer	Contract.	Considerable rock.
Barnes street		257.67	12-inch pipe, sewer	Contract.	Some rock.
Centre street	From a point about 200 feet west from Centre street about 540 feet westerly	539.85	12-inch pipe, sewer	Contract.	Considerable rock.
Fessenden street	Blue Hill avenue 300 feet southeasterly	292.20	12-inch pipe, sewer	Contract.	Considerable rock.
Fuller street	Capen street and Milton avenue	610.33	12-inch pipe, sewer	Contract.	Some rock.
Gustine street	And private land between Spaulding street and Daly Industrial School	316.42	12-inch pipe, sewer	Contract.	Some rock.
Jones avenue	Ballou avenue and White terrace	519.45	12-inch pipe, sewer	Contract.	Some rock.
Jones avenue	Mascot street to Jacob, Jacob street to Ballou avenue, Ballou avenue between Mascot street and Jones avenue	2,280.00	12-inch pipe, sewer	Day labor.	
Mattapan street	Blue Hill ave. northwesterly to Summit,	50.00	12-inch pipe, sewer	Contract.	Some rock.
Minot place	Minot street and end	486.86	12-inch pipe, sewer	Contract.	Some rock.
Morton street	River street, about 295 feet north	291.25	12-inch pipe, sewer	Contract.	Considerable rock.
Monson street	Sturbridge street and Temple street	489.95	12-inch pipe, sewer	Contract.	Considerable rock.
Moultrie street	Allston street and Washington street	89.00	6-inch pipe, house drain	Contract.	
Northam park		154.85	12-inch pipe, sewer.	Contract.	
Oak avenue	Existing sewer west of Plain street to Summit	656.10	12-inch pipe, sewer	Contract.	Some rock.
Oakland street	River street and Rockdale street	250.00	12-inch pipe, sewer	Contract.	Considerable rock.
Private land	Highland avenue and Sheridan street	639.80	15-inch pipe, sewer	Contract.	Some rock.

South Dorchester. — *Continued.*

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Private land west of Dorchester avenue	Avondale pl. and St. Gregory's Church.	546.75	12-inch pipe, sewer	Contract. Some rock.
Private land	Welles avenue and Wrentham park	789.86	12-inch pipe, sewer	Contract.
River street	Washington street and Idaho street	1,940.50	12-inch pipe, sewer	Contract. Considerable rock.
Stratton street	Existing sewers	327.60	12-inch pipe, sewer	Contract. Some rock.
Temple street	River street and Monson street	222.55	12-inch pipe, sewer	Contract. Considerable rock.
Tileston avenue	Blue Hill avenue and Mattapan street	750.00	12-inch pipe, sewer	Contract. Considerable rock.
Wrentham park		139.62	12-inch pipe, sewer	Contract.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Ainsley street	Rosemont street, about 220 ft. southerly.	236.56	12-inch pipe, sewer	Contract. Some rock.
		21.00	10-in. pipe, catch-basin drain,	
		180.70	6-inch pipe, house drain	
			2 catch-basins	
Blanche street	Greenhill and Preston streets, and outlet for catch-basin drain in Preston street	454.78	18-in. pipe, catch-basin drain,	Contract. Some rock.
		24.25	15-in. pipe, catch-basin drain,	
		17.59	10-in. pipe, catch-basin drain,	
		219.00	6-inch pipe, house drain	
Blue Hill avenue	Neponset river and Walk Hill street	123.15	15-inch pipe, sewer	Day labor. Considerable rock.
		1,351.40	12 inch pipe, sewer	
		133.00	24-in. pipe, catch-basin drain,	
		319.30	12-in. pipe, catch-basin drain,	
		404.20	10-in. pipe, catch-basin drain,	
			16 catch-basins	
Florida-street extension	Templeton street and Ashmont street	487.20	24-in. pipe, catch-basin drain,	Contract. Some rock.
		130.00	18-in. pipe, catch-basin drain,	
		16.00	12-in. pipe, catch-basin drain,	
		100.00	10-in. pipe, catch-basin drain,	
		592.22	12-in. pipe, sewer	
		672.00	6-inch pipe, house drain	
			5 catch-basins	

Millet street	Talbot avenue and Southern avenue	174.85	12-inch pipe, sewer	Contract.	
		419.75	15-in. pipe, catch-basin drain,		
		200.00	12-in. pipe, catch-basin drain,		
		110.00	10-in. pipe, catch-basin drain,		
		160.00	6-inch pipe, house drain		
		.....	7 catch-basins		
Milton avenue	Lauriat avenue and Norfolk street	299.75	10-inch pipe, sewer	Contract.	Some rock.
		14.00	12-in. pipe, catch-basin drain,		
		26.85	10-in. pipe, catch basin drain,		
		211.00	6-inch pipe, house drain		
		.....	2 catch-basins		
Oakwood street	And outlet for catch-basin drain in Norfolk street	487.60	12-in. pipe, catch-basin drain,	Contract.	Considerable rock.
		27.45	10-in. pipe, catch-basin drain,		
		187.00	6-inch pipe, house drain		
		.....	2 catch-basins		
Rosemont street	Adams street and Gustine street	378.75	12-inch pipe, sewer	Contract.	Considerable rock.
		120.13	30-in. pipe, catch-basin drain,		
		437.38	15-in. pipe, catch-basin drain,		
		82.00	10-in. pipe, catch-basin drain,		
		172.00	6-inch pipe, house drain		
		.....	5 catch-basins		
Washington street	Talbot avenue and Euclid street	54.00	10-in. pipe, catch-basin drain,	Contract.	Some rock.
		318.00	6-inch pipe, house drain		
		.....	3 catch-basins		
West Tremlett street	Washington street and Whitfield street	204.05	12-inch pipe, sewer	Contract.	Considerable rock.
		27.44	18-in. pipe, catch-basin drain,		
		4.90	15-in. pipe, catch-basin drain,		
		41.87	12-in. pipe, catch-basin drain,		
		63.00	10-in. pipe, catch-basin drain,		
		359.00	6-inch pipe, house drain		
		.....	5 catch-basins		
		.....	1 drop inlet		

Surface Drains built between February 1, 1902, and February 1, 1903 by the City, either by Contract or Day Labor.

Avondale place	With outlet in private land	160 00	24-in. pipe, catch-basin drain,	Contract.	Considerable rock.
		27.15	20-in. pipe, catch-basin drain,		
		406.00	18-in. pipe, catch-basin drain,		
		289.00	15-in. pipe, catch-basin drain,		
		95.00	12-in. pipe, catch-basin drain,		
		48.00	10-in. pipe, catch-basin drain,		
		.....	4 catch-basins		

South Dorchester. — *Concluded.*

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Canterbury branch of Stony brook	In Franklin Field, near Talbot avenue	1,028.00	4 feet 9 inches diameter, brick conduit	Contract. Some rock.
		520.53	30-in. pipe, catch-basin drain,	
		560.00	18-in. pipe, catch-basin drain,	
		74.00	5 feet 3 inches diameter, brick conduit	
		.....	1 catch-basin (rebuilt)	
Davenport brook in private land and Hillside terrace	Van Winkle street and Bailey street	762.00	4 feet 9 inches diameter, brick conduit	Day labor.
		40.00	4 feet 9 inches × 5 feet 6 inches, brick conduit	
		125.00	4 ft. diameter, brick conduit.	
		.....	1 catch-basin	
Hildreth-street spur, Canterbury branch of Stony brook	Middleton avenue and Morton street	575.97	18-in. pipe, catch-basin drain,	Contract. Considerable rock.
Moultrie street	Allston street and Washington street	29.50	10-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Norfolk street	Capen street and Nelson street	516.50	12-in. pipe, catch-basin drain,	Contract. Some rock.
		26.00	10-in. pipe, catch-basin drain,	
		.....	1 catch-basin	
Oakland Garden fork, Canterbury branch of Stony brook,	In Franklin Field	24.00	5 feet 3 inches diameter, brick conduit	Day labor. Some rock.
		8.00	8 feet 3 inches diameter, brick conduit	
		161.75	10 ft. diameter, brick conduit,	
Oakland Garden fork, Canterbury branch of Stony brook,	In Franklin Field	66.50	8 feet 3 inches diameter, brick conduit	Contract. Considerable rock.
		82.00	5 feet 3 inches diameter, brick conduit	
Oakland Garden fork, Canterbury branch of Stony brook,	In Millet street and Wheatland avenue	230.00	3 feet 6 inches diameter, brick conduit	Day labor.
		40.00	12-in. pipe, catch-basin drain,	
		37.00	10-in. pipe, catch-basin drain,	
		.....	3 catch-basins	

Oakland brook	In private land and River street, near Tokio street	171.00	8 foot 6 inches × 5 feet 3 inches, brick conduit	Contract.
		41.40	4 feet 9 inches diameter, brick conduit	
Oakland street	Grade crossing	725.00	12-in. pipe, catch-basin drain,	Day labor.
		200.00	10-in. pipe, catch-basin drain,	
		.....	10 catch-basins	
River street	Washington street and Idaho street	419.25	30-in. pipe, catch-basin drain,	Contract. Considerable rock.
		299.10	15-in. pipe, catch-basin drain,	
		461.60	12-in. pipe, catch-basin drain,	
		186.50	10-in. pipe, catch-basin drain,	
		.....	12 catch-basins	
Tenean creek, in private land	Wainwright street and Centre street	453.67	4 feet 3 inches diameter, brick conduit	Day labor.
Tolman street	Neponset avenue to Norwood street	483.00	15-in. pipe, catch-basin drain,	Contract.
		372.80	12-in. pipe, catch-basin drain,	
		85.00	10-in. pipe, catch-basin drain,	
		.....	8 catch-basins	
Walk Hill street	Near Tileston avenue	219.70	12-in. pipe, catch-basin drain,	Contract.
		23.00	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	

Roxbury.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Atherton st. and Atherton place	Atherton pl. and outlet in Atherton st.	369.38	12-inch pipe	Contract.
Burnham, Southampton and Atkinson streets		1.28	24-inch pipe	Contract.
		208.58	20-inch pipe	
		475.18	15-inch pipe	
		418.93	12-inch pipe	
Copley street	School street and Atherton street	335.30	12-inch pipe	Day labor.
Davenport street	Tremont street and Columbus avenue	10.00	12-inch pipe	Day labor. Rebuilt.
		170.00	18-inch pipe	
Farnham street	Gerard street and Magazine street	299.95	18-inch pipe	Contract.
		25.00	15-inch pipe	
		174.45	15-inch pipe	Day labor. Part rebuilt.
Proctor street	Norfolk avenue and easterly	399.46	18-inch pipe	Contract.
		28.80	12-inch pipe	
Renfrew street	Winslow street and Harrison avenue	158.70	12-inch pipe	Day labor. Rebuilt.
Seaver street	Blue Hill avenue and westerly	305.55	12-inch pipe	Contract.

Roxbury. — *Continued.*

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Ritchie	Columbus avenue and Marcella street	214.47	12-inch pipe	Contract.
		51.00	10-in. pipe, catch-basin drain,	
		.....	3 catch-basins	
Winthrop-street extension	Dennis street and Brook avenue	265.40	12-inch pipe	Contract.
		30.00	10-in. pipe, catch-basin drain,	
		320.00	6-inch pipe, house drain	
		.....	2 catch-basins	
Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.				
Humboldt avenue	Waumbeck street and Harrishof street	228.00	10-inch pipe	Day labor.
		.....	8 catch-basins	
Massachusetts avenue	Railroad and Magazine street	49.53	3 feet, wood	Day labor.
		278.57	3 feet, brick	
		319.83	2 feet 6 inches, brick	
		150.67	24-inch pipe	
		31.40	2 feet, brick	
		102.00	10-inch pipe	
Sewers abandoned or rebuilt between February 1, 1902, and February 1, 1903.				
Burnham, Southampton and Atkinson streets	Massachusetts avenue and tidewater	352.10	12-inch pipe	Rebuilt.
Davenport street	Tremont street and Columbus avenue	20.00	12-inch pipe	Abandoned.
		180.00	12-inch pipe	Rebuilt.
Farnham street	Gerard street and Magazine street	25.00	15-inch pipe	Rebuilt.
Renfrew street	Winslow street and Harrison avenue	15.00	10 inches × 12 inches, wood	Abandoned.
		122.00	10 inches × 12 inches, wood	Rebuilt.

Sewers built between February 1, 1902, and February 1, 1903, by Private Parties.

Harold street	Waumbeck street and Crawford street	235.00	12-inch pipe.	
Weldon street	Holborn street and private land	391.14	12-inch pipe.	

Sewers built between February 1, 1902, and February 1, 1903, by Contract or Day Labor.

Mountfort street	At Audubon road	46.15	12-inch pipe, sewer	Day labor.
Wensley street	Bickford avenue and Bucknam street	321.72	10-inch pipe, sewer	Contract.
Walt and Iroquois streets	Hillside street and Darling street	379.92	12-inch pipe, sewer	Contract.
Parker street (Fisher ave. outlet),	Heath street and Fisher avenue	287.16	18-inch pipe, sewer	Contract.
Binney street	Longwood avenue and Smyrna street	428.50	12-inch pipe, sewer	Day labor.
Parker Hill avenue	Walt street and Darling street	250.03	12-inch pipe, sewer	Contract.
Caldwell and Halleck streets	Halleck street and Parker street	134.49	18-inch pipe, sewer	Day labor.
		404.32	12-inch pipe, sewer	
		100.00	3 ft. 9 in. diam., brick sewer,	
		6.00	8-inch pipe, house drain	
		88.00	6-inch pipe, house drain	
Halleck street	Caldwell street and Prentiss street	265 50	18-inch pipe, sewer	Day labor.
		60.00	6-inch pipe, house drain	
Parker street	Heath street and Fisher avenue	34.00	18-inch pipe, sewer	Contract.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Darling street	Calumet street and Hillside street	7.00	6-inch pipe, house drain	Contract.
		28.00	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	
Bynner street	Creighton street and Day street	281.20	12-inch pipe, sewer	Contract.
		186.00	6-inch pipe, house drain	
		24.00	10-in. pipe, catch-basin drain,	
		.....	3 catch-basins	
Blandford street	Commonwealth ave. and B. & A. R.R.	293.68	18-inch pipe, sewer	Contract.
		110.55	12-inch pipe, sewer	
		359.32	6-inch pipe, house drain	
		32.67	10-in. pipe, catch-basin drain,	
		.....	1 catch-basin	

Roxbury. — *Concluded.*

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892 or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Cummington street	Blandford street and Avon (now Lawton) street	1,169.63	18-inch pipe, house sewer	Contract.
		442.00	6-inch pipe, house drain	
Cummington street	Outlet in Lawton street	19.85	18-inch pipe, house sewer	
Queensberry street	Audubon road and Audubon road	1,466.68	30 in. × 36 in., brick sewer	Day labor.
		3.05	12-inch pipe, house sewer	
Jersey street	Brookline avenue and Audubon road	27.56	30 inches × 36 inches, brick house sewer	Day labor.
		444.40	18-inch pipe, house sewer	
		21.33	12-inch pipe, house sewer	
		30.00	8-inch pipe, house drain	
		103.40	3 feet, brick surface drain	
		154.20	2 ft. 10 in., brick surface drain,	
		159.80	2 ft. 5 in., brick surface drain,	

Sewers built between February 1, 1902, and February 1, 1903, by Contract or Day Labor.

Smith street, (Smith-street district surface drainage)	Parker street and Whitney street	45.00	10-in. pipe, catch-basin drain,	Day labor.
Whitney street, (Smith-street district surface drainage)	Smith street and Tremont street	(Refill only.)	24-in. pipe, catch-basin drain,	Day labor.
Tremont street, (Smith-street district surface drainage)	Whitney street and St. Alphonsus street,	214.90	24-in. pipe, catch-basin drain,	Day labor.
		26.00	18-in. pipe, catch-basin drain,	
		46.00	10-in. pipe, catch-basin drain,	
		2.00	15-in. pipe, catch-basin drain,	
		4.00	3 feet × 2 feet 9 inches, brick catch-basin drain	

Heath street	South Huntington ave. and Lawn st.	881.85	15-in. pipe, catch-basin drain,	Day labor.
		49.00	12-in. pipe, catch-basin drain,	
		28.90	10-in. pipe, catch-basin drain,	
		54.80	12-in. iron pipe, catch-basin drain	
		7.00	3 feet × 3 feet, brick and stone drain	
		.....	4 catch-basins	
Tremont street	St. Alphonsus street and Pontiac street,	193.32	15-in. pipe, catch-basin drain,	Day labor.
		24.00	16-in. iron pipe, catch-basin drain	
Tremont street	Huntington avenue and Pontiac street	40.00	12-in. pipe, catch-basin drain,	Contract.
		133.00	10-in. pipe, catch-basin drain,	
		.....	7 catch basins	
Parker street	Heath street and Fisher avenue	78.00	10-in. pipe, catch-basin drain,	Contract.
		.....	3 catch-basins	
Heath street	Huntington avenue and South Huntington avenue	44.75	12-in. pipe, catch-basin drain,	Day labor.
		56.70	12-in. iron pipe, catch-basin drain	
		67.20	10-in. pipe, catch-basin drain,	
		.....	4 catch-basins	

City Proper.

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Traverse street	Canal and Portland streets	207.74	30 in. × 36 in., brick sewer	Day labor.	Piles by contract.
Edinboro' street	Beach and Essex streets	177.70	30 in × 36 in., brick sewer	Day labor.	
		101.80	18-inch pipe, sewer		
Richmond and North streets	Fulton and Sun Court streets	43.57	18-inch pipe, sewer	Day labor.	
		.....	1 catch-basin		
Village street	Compton and Dover streets	124.50	12-inch pipe, sewer	Day labor.	Rebuilding.
Kneeland street	Atlantic avenue and South street	215.00	2 ft. 6 in. × 3 ft., brick sewer,	Day labor.	
Bath street	Post Office square, 130 feet northerly	130.55	15-inch pipe, sewer	Day labor.	
Garland street	Washington st. and Shawmut ave.	296.37	12-inch pipe, sewer	Day labor.	
Prospect and South Margin sts.		225.90	30 in. × 36 in., brick sewer	Day labor.	
		101.04	18 inch pipe, sewer		
Chatham street	Merchants row, 100 feet easterly	102.54	15-inch pipe, sewer	Day labor.	
Cotting and Wall streets		129.97	24-inch pipe, sewer	Day labor.	
		351.41	15-inch pipe, sewer		

City Proper. — *Concluded.*

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Pleasant street	Tremont and Carver streets	181.47	12-inch pipe, sewer	Day labor.
Thacher street	Washington st. north and Endicott st.	213.60	30 in. × 36 in., brick sewer	Day labor.
		10.78	18-inch pipe, sewer	
Endicott street	Thacher and Cooper streets	309.45	30 in. × 36 in., brick sewer	Day labor.
Elm street	Washington and Hanover streets	168.40	15-inch pipe, sewer	Contract.
Hanover street	Cross and Washington streets	684.96	30 in. × 36 in., brick sewer	Contract.
		12.00	36-inch iron pipe, sewer	
		38.85	18-inch pipe, sewer	
Fleet and North streets	Commercial and Clark streets	350.49	18-inch pipe, sewer	Contract and day labor.
State street	Commercial and India streets	81.63	2 feet 4 inches × 4 feet 4 inches, brick sewer	Contract.
Brighton street	Chambers and Milton streets	205.29	24-inch pipe, sewer	Day labor. Rebuilding.
Passageway off Exeter street	Boylston and Blagden streets	259.48	12-inch pipe, sewer	Day labor. Rebuilding.
Commercial street	At Clinton street	14.55	3 feet × 4 feet, wood sewer	Contract.
Commercial street	At North Market street	5.27	2 feet 6 inches × 3 feet 9 inches, brick sewer	Contract.
South street	Kneeland and Beach streets	(excavation).	18-inch pipe, sewer	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Berkeley street	Columbus avenue and Boylston street	172.00	8-inch pipe, house drain	Day labor.
		28.00	6-inch pipe, house drain	
		100.00	10-in. pipe, catch-basin drain,	
		.....	4 catch-basins	
Newland street	West Brookline and West Newton sts.	27.00	10-in. pipe, catch-basin drain,	Contract.
		.....	2 catch-basins	
		.....	1 manhole	

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Massachusetts avenue	Huntington ave. and St. Botolph street	338.86 72.90	12-inch pipe, surface drain 10-inch pipe, surface drain 2 catch-basins	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by Private Parties.

State street	Opposite India street	128.00	2 ft. 2 in. × 3 ft. 3 in., brick and concrete	Transit Commission (carried over).
State street (both sides)	Devonshire and India streets	894.50 718.00 183.50 112.00	2 ft. 2 in. × 3 ft. 3 in., concrete sewer 20-inch pipe, sewer 15-inch pipe, sewer 12-inch pipe, sewer	Built by Transit Commission.
Court street (north side)	Washington street, westerly	100.00	12-inch pipe, sewer	Transit Commission.

South Boston.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Covington street	Columbia road and East Eighth street	205.40	12-inch pipe	Contract.
Dresser and D streets	Dorchester avenue and Eighth street	285.00	3 ft. 6 in. × 3 ft. 8½ in., brick,	Day labor. Rebuilding.
Dorchester street	East Eighth street and Dorchester ave.	146.00 678.51 712.82 52.50	12-inch pipe 15-inch pipe 18-inch pipe 24-inch pipe	Day labor. (Special Draft, Dorchester street.)
F street	West First street and West Second st.	261.96 26.80	24-inch pipe 18-inch pipe	Day labor.
L street	East First street and Reserved Channel,	524.60	5 feet, wood	Day labor. Rebuilding.
Q street	East Broadway and East Third street	259.96	12-inch pipe	Contract.

South Boston. — *Concluded.*

Sewers built between February 1, 1903, and February 1 1904, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of Acts of 1892 or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Columbia road	Mt. Vernon street and street No. 1746	139.85	12-inch pipe, surface drain	Contract.
		67.90	10-inch pipe, surface drain	
		.....	3 catch-basins	
Columbia road and outlet in Old Colony avenue	Street No. 1746 and Preble street	217.00	4 feet 6 inches × 4 feet 9½ inches, brick sewer	Day labor.
		199.20	10-in. pipe, catch-basin drain	
		27.00	12-in. pipe, catch-basin drain	
		.....	6 catch-basins	
Columbia road	N.Y., N.H. & H. R.R. and street No. 1746	93.80	2 ft. 6 in., brick surface drain	Day labor.
		230.12	15-inch pipe, surface drain	
		69.00	12-inch pipe, surface drain	
		41.00	10-inch pipe, surface drain	
		.....	4 catch-basins	
		.....	3 manholes	
Columbia road	Newman street and Vale street	205.23	24-inch pipe, sewer	Day labor. Rebuilding.
Columbia road	Vale street and G street	70.00	12-inch pipe, surface drain	Day labor.
		41.00	10-inch pipe, surface drain	
		.....	2 catch-basins	
		.....	9 manholes	
Columbia road	M street and O street	564.97	2 ft. 6 in., brick surface drain	Day labor.
		46.22	18-inch pipe, surface drain	
		156.92	12-inch pipe, surface drain	
		285.88	10-inch pipe, surface drain	
		332.00	12-inch pipe, sewer	
		.....	8 catch-basins	
		.....	4 drop-inlets	
		.....	5 manholes	
Columbia road	O street and Q street	311.11	2 ft. 6 in., brick surface drain	Day labor.
		754.77	24-inch pipe, surface drain	
		167.14	15-inch pipe, surface drain	
		221.11	12-inch pipe, surface drain	
		732.54	10-inch pipe, surface drain	
		.....	22 catch-basins	
		.....	7 drop-inlets	
		1,013.23	12-inch pipe, sewer	Rebuilt.
		371.17	10-inch pipe, sewer	
		.....	10 manholes	

Columbia road	N.Y., N.H. & H. R.R. and street No. 1746	401.16	12-inch pipe, surface drain	Contract.
		154.70	10-inch pipe, surface drain	
		.....	6 catch-basins	
Columbia road	At Vale street	251.05	6 feet 6 inches, circular brick, overflow	Day labor. Rebuilt.
		155.12	5 feet 6 inches × 5 feet 9¾ inches, brick sewer	
Columbia road	Newman street and Preble street	499.31	12-inch pipe, sewer	Contract.
Columbia road	I street and K street	746.17	12-inch pipe, sewer	Contract.
		374.14	15-inch pipe, surface drain	
		31.70	12-inch pipe, surface drain	
		155.03	10-inch pipe, surface drain	
		.....	5 manholes	
		.....	5 catch-basins	
		.....	2 drop-inlets	
		27.00	12-in. pipe, catch-basin drain,	Day labor.
		.....	1 catch-basin	
Columbia road	K street and M street	559.54	24-inch pipe, surface drain	Day labor.
		54.80	18-inch pipe, surface drain	
		78.10	15-inch pipe, surface drain	
		503.75	10-inch pipe, surface drain	
		52.04	12-inch pipe, surface drain	
		.....	12 catch-basins	
		.....	5 drop-inlets	
Swallow street	N street and O street	352.25	12-inch pipe, sewer	Contract.
		19.00	10-in. pipe, catch-basin drain,	
		290.00	6-inch pipe, house drain	
		.....	2 manholes	
		.....	2 catch-basins	

Surface Drains built between February 1 1903 and February 1, 1904, by the City, either by Contract or Day Labor.

Dresser street	F street and E street	65.00	10-inch pipe	Contract.
L street	East First street and reserved channel	136.00	10-inch pipe	Day labor.

Sewers abandoned or rebuilt between February 1, 1903, and February 1 1904.

Columbia road	At Vale street	406.17	3 feet 8 inches × 3 feet, wood,	Rebuilt.
Columbia road	In Mercer street	205.23	18 in. × 18 in., brick and wood,	Rebuilt.
Columbia road	O street and Q street	371.17	12 inches, wood	Rebuilt.
D street	Dorchester avenue and Eighth street	285.00	30 inches × 36 inches, brick	Rebuilt.
F street	West First st. and West Second st.	26.80	24 inches × 18 inches, brick	Rebuilt.
		220.73	1 ft. 8 in. × 2 ft. 3 in., brick	
L street	East First street and reserved channel	140.00	2 feet × 3 feet, wood	Rebuilt.
		55.00	2 feet × 2 feet, wood	

Dorchester. — *Concluded.*

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Carson street	Shelburne street and Crescent avenue	209.96	4 feet 3 inches, brick conduit,	Day labor.
Clapp street	Massachusetts avenue easterly	175.00	12-in. pipe, catch-basin drain,	Contract.
		155.24	10-in. pipe, catch-basin drain,	
		.....	3 catch-basins	
Crescent-avenue brook	N. Y., N. H. & H. R.R. and Crescent ave.,	536.83	6 feet 6 inches, brick conduit,	Day labor.
		30.30	4 feet 3 inches, brick conduit,	
		569.27	4 feet, brick conduit	
Freeport-street brook	Hancock street and Trull street	166.09	4 feet, brick surface drain	Contract.
		101.63	3 ft. 6 in., brick surface drain,	
		58.00	18-inch pipe, surface drain	
		52.00	15-inch pipe, surface drain	
		86.00	12-inch pipe, surface drain.	
		39.00	10-inch pipe, surface drain	
Freeport-street brook	Tide-water and Bowdoin street	690.17	6 feet, brick conduit	Day labor.
		194.00	4 feet 6 inches, brick conduit,	
Tenean creek	Geneva avenue and Marlowe street	68.50	3 feet 6 inches, brick conduit,	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by Private Parties.

Millet street	Faxon street and existing sewer	461.36	12-inch pipe.	
Sudan street	Sagamore street and Dorchester ave.	478.25	12-inch pipe.	
Sumner terrace	Sumner street westerly	183.30	12-inch pipe.	

Sewers abandoned or rebuilt between February 1, 1902, and February 1, 1903.

Carson street	Shelburne street and Cresent avenue	208.05	12-inch pipe	Rebuilt.
		32.00	18-inch pipe	Abandoned.
Charlotte street	Bradshaw street and Blue Hill avenue	50.00	10-inch pipe	Rebuilt.
Cottage terrace	Marshfield street and East Cottage st.	357.40	12-inch pipe	Rebuilt.

North and south side	Boston, Revere Beach and Lynn Railroad and Leverett avenue	53.55	10-in. pipe, catch-basin drain,	Contract.
		1,626.90	12-in. pipe, catch-basin drain,	
		970.31	6-inch pipe, house drain	
		.....	4 catch-basins	
North side	Saratoga street and Leyden street	651.70	8-inch pipe, house drain	Contract.
		40.00	12-in. pipe, catch-basin drain,	

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903, by the City, either by Contract or Day Labor.

Gladstone street	Walley street and Selma street	560.00	15-inch pipe	Contract.
Leyden street	Bennington street and Blackinton street	600.20	15-inch pipe	Contract.
		200.00	12-inch pipe	

Charlestown.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Arlington avenue	Hamblen street and Somerville line	289.92	12-inch pipe	Day labor.
Bunker Hill street	Moulton street and Jackson street	195.61	24-inch pipe	Day labor. Rebuilt.
Corey street	Moulton street and 180 feet north	175.10	12-inch pipe	Contract. Rebuilt.
Private land off Medford street, opposite Elm street	.....	86.00	2 feet 6 inches × 3 feet, wood,	Day labor.
Rutherford avenue overflow	.....	160.00	6 feet × 7 feet, concrete	Day labor.
		40.00	6 feet × 7 feet, brick	
Winthrop street	Warren street and Adams street	570.44	15-inch pipe	Contract. Rebuilt.

Sewers built between February 1, 1903, and February 1, 1904, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Bow street	City square and Washington street	538.87	6-inch pipe, house drain	Contract.
Hamblen street	Arlington avenue and George street	280.35	12-inch pipe, sewer	Day labor.
		252.64	6-inch pipe, house drain	
		32.05	10-in. pipe, catch-basin drain,	
		.....	3 catch-basins	
Rutherford avenue	Chapman street and Devens street	353.27	6-inch pipe, house drain	Contract.

Sewers Abandoned or Rebuilt between February 1, 1903, and February 1, 1904.

Charlestown.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Bunker Hill street	Moulton street and Jackson street	195.61	24-inch pipe.	
Corey street	Moulton street and 180 feet north	175.10	12-inch pipe.	
Winthrop street	Warren street and Adams street	570.44	15-inch pipe.	

West Roxbury.

South st., near Arnold Arboretum,		44.85	6 ft. × 5 ft. 9 in., brick.	Built under the direction of Stony brook improvement office.
Green street	Boylston street and Union avenue	102.00	36 inches × 36 inches, brick	

Roxbury.

Downing street	Vernon street and Whittier street	126.00	6 feet × 8 feet, brick	Built under the direction of Stony brook improvement office.
		24.00	8 ft. × 20 ft., stone reducer	

Brighton.

Sewers built between February 1, 1903, and Februarg 1, 1904, by the City, either by Contract or Day Labor.

Cambridge street	North Harvard st. and Empire st.	450.11	12-inch pipe	Contract.
Jackson avenue	Rockland street and 250 feet easterly	40.00	12-inch pipe	Contract.
Summit avenue	Allston st. and Commonwealth ave.	251.10	12-inch pipe	Contract.

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Faneuil Valley brook, in private land	Charles river and North Beacon street	216.72	12-in., circular brick conduit,	Contract.
		14.19	Reducer	
		95.06	12 feet 8 inches × 11 feet, brick conduit	
		300.77	12 feet 8 inches × 11 feet, brick conduit	Day labor.
		16.00	18 feet × 15 feet 6 inches, brick conduit	
		48.00	Reducer	

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903, by the City, either by Contract or Day Labor.

Bigelow street	Faneuil street and Webster street	950.72	12-inch pipe	Contract.
Bigelow street	Brooks street and 1,020 feet west	435.14	15-inch pipe	Contract.
		587.48	12-inch pipe	
Brooks street	Faneuil street and Bigelow street	423.05	15-inch pipe	Contract.
		445.55	12-inch pipe	
Brooks street	Parkman street and Bigelow street	399.55	24-inch pipe	Contract.
		251.30	18-inch pipe	
Cambridge street	Charles river and Empire street	500.27	12-inch pipe	Contract.
Charlesview and Bigelow streets,	Newton street and Webster street	760.20	18-inch pipe	Contract.
		220.80	15-inch pipe	
		183.45	12-inch pipe	
Dunboy street	Faneuil street and Hardwick street	430.45	18-inch pipe	Contract.
		269.80	15-inch pipe	
		193.00	12-inch pipe	
Montfern avenue	Faneuil street and Washington street	774.44	12-inch pipe	Contract.
Newton street	335 feet northwest of Brooks street and Charlesview street	210.00	20-inch pipe	Contract.
		415.00	18-inch pipe	

South Dorchester. — *Concluded.*

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Canterbury branch of Stony brook	In Franklin Field, near Talbot avenue	1,028.00	4 feet 9 inches diameter, brick conduit	Contract. Some rock.
		520.53	30-in. pipe, catch-basin drain,	
		560.00	18-in. pipe, catch-basin drain,	
		74.00	5 feet 3 inches diameter, brick conduit	
		.....	1 catch-basin (rebuilt)	
Davenport brook in private land and Hillside terrace	Van Winkle street and Bailey street	762.00	4 feet 9 inches diameter, brick conduit	Day labor.
		40.00	4 feet 9 inches × 5 feet 6 inches, brick conduit	
		125.00	4 ft. diameter, brick conduit.	
		.....	1 catch-basin	
Hildreth-street spur, Canterbury branch of Stony brook	Middleton avenue and Morton street	575.97	18-in. pipe, catch-basin drain,	Contract. Considerable rock.
Moultrie street	Allston street and Washington street	29.50	10-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Norfolk street	Capen street and Nelson street	516.50	12-in. pipe, catch-basin drain,	Contract. Some rock.
		26.00	10-in. pipe, catch-basin drain,	
		.....	1 catch-basin	
Oakland Garden fork, Canterbury branch of Stony brook,	In Franklin Field	24.00	5 feet 3 inches diameter, brick conduit	Day labor. Some rock.
		8.00	8 feet 3 inches diameter, brick conduit	
		161.75	10 ft. diameter, brick conduit,	
Oakland Garden fork, Canterbury branch of Stony brook,	In Franklin Field	66.50	8 feet 3 inches diameter, brick conduit	Contract. Considerable rock.
		82.00	5 feet 3 inches diameter, brick conduit	
Oakland Garden fork, Canterbury branch of Stony brook,	In Millet street and Wheatland avenue	230.00	3 feet 6 inches diameter, brick conduit	Day labor.
		40.00	12-in. pipe, catch-basin drain,	
		37.00	10-in. pipe, catch-basin drain,	
		.....	3 catch-basins	

Cornell street	Bellevue avenue and Washington street,	559.80	12-inch pipe	Contract.
Cornell street	Bellevue avenue and Orange street	481.10	12-inch pipe	Contract.
Cornell street	Orange street and Eastbourne street	509.51	12-inch pipe	Contract.
Cypress street	Bellevue avenue and Beech street	343.00	12-inch pipe	Contract.
Dudley avenue	Fresno street and Havey street	315.25	12-inch pipe	Contract.
Dudley avenue	Havey street and Amherst street	134.60	12-inch pipe	Contract.
Fresno street	Alder street and Dudley avenue	397.70	15-inch pipe	Contract.
Houston, Metcalf and Penfield streets	Roslindale main sewer and Dudley ave.,	210.00	12-inch pipe	Contract.
Kittredge street	200 feet southwest from Norfolk street and Mayo street	414.97	12-inch pipe	Contract.
Linden street	Bellevue avenue and Beech street	575.57	12-inch pipe	Contract.
Metropolitan avenue extension		355.15	12-inch pipe	Contract.
Metropolitan avenue	Kittredge street and Augustus avenue	305.55	12-inch pipe	Contract.
Metropolitan avenue	Augustus avenue and 550 feet southeast,	549.58	12-inch pipe	Contract.
Meyer street	Catherine street and 220 feet northerly	235.15	10-inch pipe	Contract.
Orange street	Beech street and 320 feet northeast	318.43	12-inch pipe	Contract.
Orange street	190 feet south of West st. and West st.	196.65	12-inch pipe	Contract.
Orange street	190 feet south of West st. and Brook st.	422.85	12-inch pipe	Contract.
Orange street	Cornell street and 300 feet southwest	299.92	12-inch pipe	Contract.
Orange street	Brook street and Cornell street	377.75	12-inch pipe	Day labor.
		400.00	12-inch pipe	Contract.
Prospect avenue	Brown avenue and Johnswood road	252.52	10-inch pipe	Contract.
Prospect avenue	Sherwood street and Johnswood road	282.00	10-inch pipe	Contract.
Rexhame street	Belgrade avenue and Colberg avenue	504.95	12-inch pipe	Contract.
		74.44	12-inch pipe	Day labor.
Roslindale avenue	Alder street and Auburn street	260.00	15-inch pipe	Contract.
Roslindale avenue	Cornell street and Beech street	575.74	12-inch pipe	Contract.
South street	Bradford terrace and 300 feet west	300.00	12-inch pipe	Contract.
South street	300 feet west of Bradford terrace and 300 feet westerly	279.70	12-inch pipe	Contract.
South street	Walk Hill street and Asticou road	550.32	12-inch pipe	Contract.
South Fairview street	Robert street and South Walter street	394.58	12-inch pipe	Contract.
South Walter street	Robert street and South Fairview street,	271.04	12-inch pipe	Contract.
Spring street	Gardner street and 250 feet west	251.00	12-inch pipe	Contract.
Springvale street	Spring street and 250 feet northerly	248.78	12-inch pipe	Contract.
Summer street	Powell street and Autumn street	193.63	12-inch pipe	Contract.
		65.05	12-inch pipe	Day labor.
Temple street	Vermont street and Keith street	369.90	12-inch pipe	Contract.

City Proper. — *Concluded.*

Sewers built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Pleasant street	Tremont and Carver streets	181.47	12-inch pipe, sewer	Day labor.
Thacher street	Washington st. north and Endicott st.	213.60	30 in. × 36 in., brick sewer	Day labor.
		10.78	18-inch pipe, sewer	
Endicott street	Thacher and Cooper streets	309.45	30 in. × 36 in., brick sewer	Day labor.
Elm street	Washington and Hanover streets	168.40	15-inch pipe, sewer	Contract.
Hanover street	Cross and Washington streets	684.96	30 in. × 36 in., brick sewer	Contract.
		12.00	36-inch iron pipe, sewer	
		38.85	18-inch pipe, sewer	
Fleet and North streets	Commercial and Clark streets	350.49	18-inch pipe, sewer	Contract and day labor.
State street	Commercial and India streets	81.63	2 feet 4 inches × 4 feet 4 inches, brick sewer	Contract.
Brighton street	Chambers and Milton streets	205.29	24-inch pipe, sewer	Day labor. Rebuilding.
Passageway off Exeter street	Boylston and Blagden streets	259.48	12-inch pipe, sewer	Day labor. Rebuilding.
Commercial street	At Clinton street	14.55	3 feet × 4 feet, wood sewer	Contract.
Commercial street	At North Market street	5.27	2 feet 6 inches × 3 feet 9 inches, brick sewer	Contract.
South street	Kneeland and Beach streets	(excavation).	18-inch pipe, sewer	Day labor.

Sewers built between February 1, 1902, and February 1, 1903, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Berkeley street	Columbus avenue and Boylston street	172.00	8-inch pipe, house drain	Day labor.
		28.00	6-inch pipe, house drain	
		100.00	10-in. pipe, catch-basin drain,	
		.....	4 catch-basins	
Newland street	West Brookline and West Newton sts.	27.00	10-in. pipe, catch-basin drain,	Contract.
		.....	2 catch-basins	
		.....	1 manhole	

Surface Drains built between February 1, 1902, and February 1, 1903, by the City, either by Contract or Day Labor.

Massachusetts avenue	Huntington ave. and St. Botolph street	338.86	12-inch pipe, surface drain	Day labor.
		72.90	10-inch pipe, surface drain	
		.....	2 catch-basins	

Sewers built between February 1, 1902, and February 1, 1903, by Private Parties.

State street	Opposite India street	128.00	2 ft. 2 in. × 3 ft. 3 in., brick and concrete	Transit Commission (carried over).
State street (both sides)	Devonshire and India streets	894.50	2 ft. 2 in. × 3 ft. 3 in., concrete sewer	Built by Transit Commission.
		718.00	20-inch pipe, sewer	
		183.50	15-inch pipe, sewer	
		112.00	12-inch pipe, sewer	
Court street (north side)	Washington street, westerly	100.00	12-inch pipe, sewer	Transit Commission.

South Boston.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Covington street	Columbia road and East Eighth street	205.40	12-inch pipe	Contract.
Dresser and D streets	Dorchester avenue and Eighth street	285.00	3 ft. 6 in. × 3 ft. 8½ in., brick,	Day labor. Rebuilding.
Dorchester street	East Eighth street and Dorchester ave.	146.00	12-inch pipe	Day labor. (Special Draft, Dorchester street.)
		678.51	15-inch pipe	
		712.82	18-inch pipe	
		52.50	24-inch pipe	
F street	West First street and West Second st.	261.96	24-inch pipe	Day labor.
		26.80	18-inch pipe	
L street	East First street and Reserved Channel,	524.60	5 feet, wood	Day labor. Rebuilding.
Q street	East Broadway and East Third street	259.96	12-inch pipe	Contract.

South Boston. — *Concluded.*

Sewers built between February 1, 1903, and February 1, 1904, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of Acts of 1892 or Special Acts referring thereto.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Columbia road	Mt. Vernon street and street No. 1746	139.85	12-inch pipe, surface drain	Contract.
		67.90	10-inch pipe, surface drain	
		.....	3 catch-basins	
Columbia road and outlet in Old Colony avenue	Street No. 1746 and Preble street	217.00	4 feet 6 inches × 4 feet 9½ inches, brick sewer	Day labor.
		199.20	10-in. pipe, catch-basin drain	
		27.00	12-in. pipe, catch-basin drain	
		.....	6 catch-basins	
Columbia road	N.Y., N.H. & H. R.R. and street No. 1746	93.80	2 ft. 6 in., brick surface drain	Day labor.
		230.12	15-inch pipe, surface drain	
		69.00	12-inch pipe, surface drain	
		41.00	10-inch pipe, surface drain	
		.....	4 catch-basins	
		.....	3 manholes	
Columbia road	Newman street and Vale street	205.23	24-inch pipe, sewer	Day labor. Rebuilding.
Columbia road	Vale street and G street	70.00	12-inch pipe, surface drain	Day labor.
		41.00	10-inch pipe, surface drain	
		.....	2 catch-basins	
		.....	9 manholes	
Columbia road	M street and O street	564.97	2 ft. 6 in., brick surface drain	Day labor.
		46.22	18-inch pipe, surface drain	
		156.92	12-inch pipe, surface drain	
		285.88	10-inch pipe, surface drain	
		332.00	12-inch pipe, sewer	
		.....	8 catch-basins	
		.....	4 drop-inlets	
		.....	5 manholes	
Columbia road	O street and Q street	311.11	2 ft. 6 in., brick surface drain	Day labor.
		754.77	24-inch pipe, surface drain	
		167.14	15-inch pipe, surface drain	
		221.11	12-inch pipe, surface drain	
		732.54	10-inch pipe, surface drain	
		.....	22 catch-basins	
		.....	7 drop-inlets	
		1,013.23	12-inch pipe, sewer	Rebuilt.
		371.17	10-inch pipe, sewer	
		.....	10 manholes	

Columbia road	N.Y., N.H. & H. R.R. and street No. 1746	401.16	12-inch pipe, surface drain	Contract.
		154.70	10-inch pipe, surface drain	
		.....	6 catch-basins	
Columbia road	At Vale street	251.05	6 feet 6 inches, circular brick, overflow	Day labor. Rebuilt.
		155.12	5 feet 6 inches × 5 feet 9¾ inches, brick sewer	
Columbia road	Newman street and Preble street	499.31	12-inch pipe, sewer	Contract.
Columbia road	I street and K street	746.17	12-inch pipe, sewer	Contract.
		374.14	15-inch pipe, surface drain	
		31.70	12-inch pipe, surface drain	
		155.03	10-inch pipe, surface drain	
		.....	5 manholes	
		.....	5 catch-basins	
		.....	2 drop-inlets	
		27.00	12-in. pipe, catch-basin drain,	Day labor.
		.....	1 catch-basin	
Columbia road	K street and M street	559.54	24-inch pipe, surface drain	Day labor.
		54.80	18-inch pipe, surface drain	
		78.10	15-inch pipe, surface drain	
		503.75	10-inch pipe, surface drain	
		52.04	12-inch pipe, surface drain	
		.....	12 catch-basins	
		.....	5 drop-inlets	
Swallow street	N street and O street	352.25	12-inch pipe, sewer	Contract.
		19.00	10-in. pipe, catch-basin drain,	
		290.00	6-inch pipe, house drain	
		.....	2 manholes	
		.....	2 catch-basins	

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Dresser street	F street and E street	65.00	10-inch pipe	Contract.
L street	East First street and reserved channel	136.00	10-inch pipe	Day labor.

Sewers abandoned or rebuilt between February 1, 1903, and February 1, 1904.

Columbia road	At Vale street	406.17	3 feet 8 inches × 3 feet, wood,	Rebuilt.
Columbia road	In Mercer street	205.23	18 in. × 18 in., brick and wood,	Rebuilt.
Columbia road	O street and Q street	371.17	12 inches, wood	Rebuilt.
D street	Dorchester avenue and Eighth street	285.00	30 inches × 36 inches, brick	Rebuilt.
F street	West First st. and West Second st.	26.80	24 inches × 18 inches, brick	Rebuilt.
		220.73	1 ft. 8 in. × 2 ft. 3 in., brick	
L street	East First street and reserved channel	140.00	2 feet × 3 feet, wood	Rebuilt.
		55.00	2 feet × 2 feet, wood	

East Boston.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Butler avenue	Saratoga street and Faxon street	370.08	12-inch pipe	Contract.
Chelsea street	Existing sewer east of Glendon place and about 150 feet westerly	65.73	15-inch pipe	Day labor.
Private land	Farrington ave. and Montmorenci ave.	820.81	10-inch pipe	Contract.
Private land	Border street (at Lexington street) and tide-water	125.00	3 feet, circular wood	Day labor.
Wordsworth street	Bennington street and B., R.B. & L. R.R.	525.23	12-inch pipe	Contract.

Sewers built between February 1, 1903, and February 1, 1904, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Bennington-street Boulevard: South side	Sluiceway and Wordsworth street	75.05	12-inch pipe	Day labor.
		399.55	12-inch pipe	Contract.
South side	Sluiceway and Trumbull street	217.83	12-inch pipe	Day labor.
North side	Sluiceway and Trumbull street	220.40	10-inch pipe	Day labor.
North side	Saratoga street and sluiceway	645.06	10-inch pipe	Contract.
South side	Saratoga street and sluiceway	732.22	10-inch pipe	Contract.
		149.58	12-inch pipe	
At Saratoga street		79.39	12-inch pipe	Contract.
At Wordsworth street		28.25	12-inch pipe	Contract.
South side	Saratoga street and Ashley street	1,114.45	3 feet, circular brick	Contract. East Boston low level.
North side	Saratoga street and Leyden street	1,419.44	12-inch pipe	Day labor.
North side	Saratoga street and Leyden street	1,400.00	24-inch pipe	Day labor. Orient Heights high level.
		359.12	15-inch pipe	
		91.00	12-inch pipe	
North and south side	Saratoga street and Leyden street	416.00	10-in. pipe, catch-basin drain,	Contract.
		.....	14 catch-basins	

North and south side	Boston, Revere Beach and Lynn Railroad and Leverett avenue	53.55	10-in. pipe, catch-basin drain,	Contract.
		1,626.90	12-in. pipe, catch-basin drain,	
		970.31	6-inch pipe, house drain	
		.....	4 catch-basins	
North side	Saratoga street and Leyden street	651.70	8-inch pipe, house drain	Contract.
		40.00	12-in. pipe, catch-basin drain,	

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903, by the City, either by Contract or Day Labor.

Gladstone street	Walley street and Selma street	560.00	15-inch pipe	Contract.
Leyden street	Bennington street and Blackinton street	600.20	15-inch pipe	Contract.
		200.00	12-inch pipe	

Charlestown.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Arlington avenue	Hamblen street and Somerville line	289.92	12-inch pipe	Day labor.
Bunker Hill street	Moulton street and Jackson street	195.61	24-inch pipe	Day labor. Rebuilt.
Corey street	Moulton street and 180 feet north	175.10	12-inch pipe	Contract. Rebuilt.
Private land off Medford street, opposite Elm street	.....	86.00	2 feet 6 inches × 3 feet, wood,	Day labor.
Rutherford avenue overflow	.....	160.00	6 feet × 7 feet, concrete	Day labor.
		40.00	6 feet × 7 feet, brick	
Winthrop street	Warren street and Adams street	570.44	15-inch pipe	Contract. Rebuilt.

Sewers built between February 1, 1903, and February 1, 1904, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Bow street	City square and Washington street	538.87	6-inch pipe, house drain	Contract.
Hamblen street	Arlington avenue and George street	280.35	12-inch pipe, sewer	Day labor.
		252.64	6-inch pipe, house drain	
		32.05	10-in. pipe, catch-basin drain,	
		.....	3 catch-basins	
Rutherford avenue	Chapman street and Devens street	353.27	6-inch pipe, house drain	Contract.

Sewers Abandoned or Rebuilt between February 1, 1903, and February 1, 1904.

Charlestown.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Bunker Hill street	Moulton street and Jackson street	195.61	24-inch pipe.	
Corey street	Moulton street and 180 feet north	175.10	12-inch pipe.	
Winthrop street	Warren street and Adams street	570.44	15-inch pipe.	

West Roxbury.

South st., near Arnold Arboretum,		44.85	6 ft. × 5 ft. 9 in., brick.	Built under the direction of Stony brook improvement office.
Green street	Boylston street and Union avenue	102.00	36 inches × 36 inches, brick	

Roxbury.

Downing street	Vernon street and Whittier street	126.00	6 feet × 8 feet, brick	Built under the direction of Stony brook improvement office.
		24.00	8 ft. × 20 ft., stone reducer	

Brighton.

Sewers built between February 1, 1903, and Februarg 1, 1904, by the City, either by Contract or Day Labor.

Cambridge street	North Harvard st. and Empire st.	450.11	12-inch pipe	Contract.
Jackson avenue	Rockland street and 250 feet easterly	40.00	12-inch pipe	Contract.
Summit avenue	Allston st. and Commonwealth ave.	251.10	12-inch pipe	Contract.

Surface Drains built between February 1, 1903, and February 1, 1904, by the City either by Contract or Day Labor.

Faneuil Valley brook, in private land	Charles river and North Beacon street	216.72	12-in., circular brick conduit,	Contract.
		14.19	Reducer	
		95.06	12 feet 8 inches × 11 feet, brick conduit	
		300.77	12 feet 8 inches × 11 feet, brick conduit	Day labor.
		16.00	18 feet × 15 feet 6 inches, brick conduit	
		48.00	Reducer	

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903, by the City, either by Contract or Day Labor.

Bigelow street	Faneuil street and Webster street	950.72	12-inch pipe	Contract.
Bigelow street	Brooks street and 1,020 feet west	435.14	15-inch pipe	Contract.
		587.48	12-inch pipe	
Brooks street	Faneuil street and Bigelow street	423.05	15-inch pipe	Contract.
		445.55	12-inch pipe	
Brooks street	Parkman street and Bigelow street	399.55	24-inch pipe	Contract.
		251.30	18-inch pipe	
Cambridge street	Charles river and Empire street	500.27	12-inch pipe	Contract.
Charlesview and Bigelow streets,	Newton street and Webster street	760.20	18-inch pipe	Contract.
		220.80	15-inch pipe	
		183.45	12-inch pipe	
Dunboy street	Faneuil street and Hardwick street	430.45	18-inch pipe	Contract.
		269.80	15-inch pipe	
		193.00	12-inch pipe	
Montfern avenue	Faneuil street and Washington street	774.44	12-inch pipe	Contract.
Newton street	335 feet northwest of Brooks street and Charlesview street	210.00	20-inch pipe	Contract.
		415.00	18-inch pipe	

Brighton. — *Concluded.*

Sewers built between February 1, 1903, and February 1, 1904, by Private Parties.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Hollis road	Denton road and Cambridge street	161.58	12-inch pipe.	
Wallingford road	Chestnut Hill ave. and existing sewer	504.45	12-inch pipe.	
Webster st. and High Rock way	Existing sewer and High Rock way	108.93	10-inch pipe.	

West Roxbury.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Alder street	Fresno street and Roslindale avenue	395.10	15-inch pipe	Contract.
Auburn street	Roslindale avenue and 350 feet southeast,	349.01	15-inch pipe	Contract.
Beech street	Cypress street and Roslindale avenue	55.02	12-inch pipe	Day labor.
		464.90	12-inch pipe	Contract.
Beech street	Roslindale avenue and Hobson street	519.80	12-inch pipe	Contract.
Beech street	Hobson street and Eastbourne street	220.33	12-inch pipe	Contract.
Beech street	Washington st. and 700 feet southeast	585.00	12-inch pipe	Contract.
		113.61	12-inch pipe	Day labor.
Bellevue avenue	250 feet south from Cedar street and Washington street	218.45	12-inch pipe	Contract.
Berry street	Brook street and Newburg street	330.24	12-inch pipe	Contract.
Berry street	Brook street and Cornell street	529.95	12-inch pipe	Contract.
Birch street	Albano street and Penfield street	366.00	12-inch pipe	Contract.
Birch street	Albano street and Dudley avenue	315.00	12-inch pipe	Contract.
Brook street	Orange street and Hill street	519.82	12-inch pipe	Contract.
Brookside avenue	Ophir street and Green street	29.55	12-inch pipe	Day labor.
Cedar street	Bellevue avenue and Washington street,	299.55	12-inch pipe	Day labor.
Centre street	Arundel street and Hewlett street	97.30	12-inch pipe	Day labor.

Cornell street	Bellevue avenue and Washington street,	559.80	12-inch pipe	Contract.
Cornell street	Bellevue avenue and Orange street	481.10	12-inch pipe	Contract.
Cornell street	Orange street and Eastbourne street	509.51	12-inch pipe	Contract.
Cypress street	Bellevue avenue and Beech street	343.00	12-inch pipe	Contract.
Dudley avenue	Fresno street and Havey street	315.25	12-inch pipe	Contract.
Dudley avenue	Havey street and Amherst street	134.60	12-inch pipe	Contract.
Fresno street	Alder street and Dudley avenue	397.70	15-inch pipe	Contract.
Houston, Metcalf and Penfield streets	Roslindale main sewer and Dudley ave.,	210.00	12-inch pipe	Contract.
Kittredge street	200 feet southwest from Norfolk street and Mayo street	414.97	12-inch pipe	Contract.
Linden street	Bellevue avenue and Beech street	575.57	12-inch pipe	Contract.
Metropolitan avenue extension		355.15	12-inch pipe	Contract.
Metropolitan avenue	Kittredge street and Augustus avenue	305.55	12-inch pipe	Contract.
Metropolitan avenue	Augustus avenue and 550 feet southeast,	549.58	12-inch pipe	Contract.
Meyer street	Catherine street and 220 feet northerly	235.15	10-inch pipe	Contract.
Orange street	Beech street and 320 feet northeast	318.43	12-inch pipe	Contract.
Orange street	190 feet south of West st. and West st.	196.65	12-inch pipe	Contract.
Orange street	190 feet south of West st. and Brook st.	422.85	12-inch pipe	Contract.
Orange street	Cornell street and 300 feet southwest	299.92	12-inch pipe	Contract.
Orange street	Brook street and Cornell street	377.75	12-inch pipe	Day labor.
		400.00	12-inch pipe	Contract.
Prospect avenue	Brown avenue and Johnswood road	252.52	10-inch pipe	Contract.
Prospect avenue	Sherwood street and Johnswood road	282.00	10-inch pipe	Contract.
Rexhame street	Belgrade avenue and Colberg avenue	504.95	12-inch pipe	Contract.
		74.44	12-inch pipe	Day labor.
Roslindale avenue	Alder street and Auburn street	260.00	15-inch pipe	Contract.
Roslindale avenue	Cornell street and Beech street	575.74	12-inch pipe	Contract.
South street	Bradford terrace and 300 feet west	300.00	12-inch pipe	Contract.
South street	300 feet west of Bradford terrace and 300 feet westerly	279.70	12-inch pipe	Contract.
South street	Walk Hill street and Asticou road	550.32	12-inch pipe	Contract.
South Fairview street	Robert street and South Walter street	394.58	12-inch pipe	Contract.
South Walter street	Robert street and South Fairview street,	271.64	12-inch pipe	Contract.
Spring street	Gardner street and 250 feet west	251.00	12-inch pipe	Contract.
Springvale street	Spring street and 250 feet northerly	248.78	12-inch pipe	Contract.
Summer street	Powell street and Autumn street	193.63	12-inch pipe	Contract.
		65.05	12-inch pipe	Day labor.
Temple street	Vermont street and Keith street	369.90	12-inch pipe	Contract.

Sewers built between February 1, 1903, and February 1, 1904, by the City, under the direction of Stony Brook Improvement Office.

West Roxbury.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Green street	Boylston street and Union avenue	102.00	36 inches × 36 inches, brick	Day labor. Rebuilding.
West Roxbury low level sewer	Green street and Williams street	48.00	24 inches × 42 inches, brick	Day labor.
Roxbury.				
Downing street	Vernon street and Whittier street	20.00	12-inch iron pipe	Contract.
Downing and Whittier streets	Vernon street and Cabot street	856.00	12-inch pipe	Contract.

West Roxbury.

Sewers built between February 1, 1903, and February 1, 1904, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Calder street	Blue Hill avenue and Canterbury street,	17.73	10-in. pipe, catch-basin drain,	Contract.
		59.04	6 inch pipe, house drain	
		.....	2 catch-basins	
Seymour street	Brown avenue and Canterbury street	380.00	12-inch pipe, sewer	Contract.
		380.00	12-inch pipe, surface drain	
Spalding street	South street and land of O. C. R. R.	17.56	10-in. pipe, catch-basin drain,	Contract.
		71.65	6-inch pipe, house drain	
		.....	2 catch-basins	

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Baker street	Spring-street brook and N. Y., N. H. & H. R.R.	329.85	24-inch pipe	Day labor.
Goldsmith brook in Arborway and Pond street	Park conduit and May street	113.28 1,156.74	3 feet 3 inches, circular brick, 4 feet 6 inches, circular brick,	Day labor.
Neponset avenue, brook in private land	Mt. Hope street, northeasterly	120.00	4 feet × 1 foot 6 inches, box	Day labor.
Ripley and May streets	Arborway and 150 feet south of Ripley street	516.15 152.50	18-inch pipe 15-inch pipe	Contract.
Roslindale branch of Stony brook in private land	Washington street and Cohasset street and across Cohasset street	405.05	8 feet, circular concrete	Day labor.
Washington and Kittredge sts.	60 feet east of Kittredge street and 100 feet south of Washington street	111.69 126.50	4 feet, circular brick 24-inch pipe	Day labor.
Williams street	50 feet west of Steadman street and 200 feet east of Plainfield street	26.00 18.00	4 feet 3 inches, circular brick, 30-inch pipe	Day labor.

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903, by the City, either by Contract or Day Labor.

Birch street	Corinth street and Penfield street	524.05	12-inch pipe	Contract.
Cohasset street	Roslindale branch of Stony brook and Albano street	366.50	12-inch pipe	Contract.
Cohasset street	Corinth street and 525 feet southerly	524.31	12-inch pipe	Contract.
Glen road	250 feet east from Washington street and Forest Hills street	350.12	18-inch pipe	Contract.
Green street and Glen road	240 feet west from Washington street and 250 feet east from Washington st.,	549.89	18-inch pipe	Contract.
Kittredge street	Washington street and Sycamore street,	178.45 183.56 437.96	18-inch pipe 15-inch pipe 12-inch pipe	Contract.
La Grange and Centre streets	Spring-street brook and 100 feet north of La Grange street	169.75 290.53	15-inch pipe 18-inch pipe	Contract.
La Grange st. and private way	West Roxbury playground and Landseer street	383.11 254.39	18-inch pipe 24-inch pipe	Contract.
La Grange street	Landseer and Linnet streets	265.00	18-inch pipe	Contract.
Park street and March avenue	Clement avenue and about 150 feet north of Bellevue street	399.83	12-inch pipe	Contract.
Poplar street	Washington street and 700 feet south	600.45	12-inch pipe	Contract.
Prospect avenue	Sycamore street and Johnswood road	667.00	12-inch pipe	Contract.
Rutledge street	Park street and Wren street	399.22	12-inch pipe	Contract.
Sycamore street	Florence street and Ridge street	371.83	15-inch pipe	Contract.
Wren street	Rutledge street and Oriole street	1,279.52	12-inch pipe	Contract.

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, under the direction of Stony Brook Improvement Office.

West Roxbury.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Line of old brook	Green street and Williams street	48.00	15 ft. 9 in. × 20 ft., brick	Day labor.

Roxbury.

Downing street	Vernon street and Whittier street	126.00 24.00	6 feet × 8 feet, brick 8 ft. × 20 ft., stone reducer	Contract. Rebuilding.

City Proper.

Fenway	Huntington avenue and Gatehouse	301.00	13 feet 6 inches × 26 feet 4 inches, concrete	Contract.
Fenway and Charlesgate east	Huntington avenue and Charles river	714.00 714.00	7 feet, circular brick 12 feet × 12 feet, brick	Contract.

West Roxbury.

Culverts built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Beech st., near Washington st....	.....	52.90	12-inch pipe.....	Day labor.
Canterbury st., near Morton st...	.....	57.30	24-inch pipe.....	Contract.
South st., near Arnold Arboretum,	.....	44.85	6 ft. × 5 ft. 9 in., brick	Contract. Rebuilt.

Sewers built between February 1, 1903, and February 1, 1904, by Private Parties.

Arborway, traffic road.....	St. Rose st. and about 565 ft. northerly..	548.95	12-inch pipe.	
Corey street and Garfield avenue,	Ruskin street and Mt. Vernon street ...	1,397.25	12-inch pipe.	
Johnswood road.....	Off Prospect avenue.....	1,343.12	10-inch pipe.	

Surface Drains built between February 1, 1903, and February 1, 1904, by Private Parties.

Johnswood road.....	Off Prospect avenue.....	1,142.08 192.33	10-inch pipe. 12-inch pipe.	

Dorchester.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Buttonwood court.....	Moseley street and Buttonwood street..	37.40	12-inch pipe.....	Contract. Work abandoned.
Claybourne street.	Tonawanda street and Dakota street....	324.80	12-inch pipe.....	Contract.
Elder-street extension.....	Eastman street and Columbia road.....	398.20	10-inch pipe.....	Contract. Part rebuilt. Private.
Freeport-street brook.....	Tidewater and Hancock street	23.55	15-inch pipe.....	Rebuilt.
		19.00	16-inch iron pipe..... ..	Day labor. Rebuilt.
		293.87	24-inch pipe.....	
		20.00	7 feet 6 inches × 3 feet 6 inches, iron pipe.....	Dorchester interceptor. Rebuilt.
Geneva avenue.....	Columbia road and Wilder street.....	135.00	12-inch pipe	Day labor. Rebuilt.

Dorchester. — *Continued.*

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Harvard street	Vaughan street and Abbot street	303.15	15-inch pipe	Day labor. Rebuilding.
		27.70	12-inch pipe	
	Abbot street and Wales street	311.80	12-inch pipe	Contract. Rebuilding.
		126.00	6-in. pipe, house drain (new),	
Levant street and Tebroc street	Geneva avenue and Bowdoin street	395.95	12-inch pipe, sewer	Contract.
Normandy-street extension	Stanwood street and Geneva avenue	100.00	15-inch pipe	Contract.
Spencer street	Park street and Harvard street	15.00	18-inch pipe	Contract. Rebuilt.
Willow court and private land	Field court and Massachusetts avenue	167.85	12-inch pipe	Contract.
		243.15	18-inch pipe	
		2.00	15-inch pipe	

Sewers built between February 1, 1903, and February 1, 1904, by the City, in Streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Elmont street	Faxon street and Waterlow street	189.75	12-inch pipe	Contract.
		379.30	12-in. pipe, catch-basin drain,	
		33.00	10-in. pipe, catch-basin drain,	
		249.00	6-inch pipe, house drain	
		.....	2 manholes	
		.....	4 catch-basins	
Greenhalge street	Columbia road and Roseclair street	228.20	12-inch pipe	Contract.
		229.78	15-in. pipe, catch-basin drain.	
		.....	2 manholes	
Roseclair street	Dorchester avenue and Boston street	711.81	12-inch pipe	Contract.
		.....	5 manholes	
		692.42	12-in. pipe, catch-basin drain,	
		142.20	10-in. pipe, catch-basin drain.	
		.....	3 manholes	
		.....	7 catch-basins	
		600.00	6-inch pipe, house drain	

Columbia road	Buttonwood st. and N.Y., N.H. & H. R.R.	264.95	12-inch pipe, sewer	Contract. Duplicated from 1902.
		35.24	15-inch pipe, surface drain	
		82.58	12-inch pipe, surface drain	
		68.52	10-inch pipe, surface drain	
		.....	2 manholes	
		.....	6 catch-basins	

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor, under the Separate Systems, Acts of 1903, chapter 383.

Abbot street	Harvard street and Blue Hill avenue	475.20	12-inch pipe	Contract.
		355.90	10-inch pipe	
Algonquin street	Harvard street and Washington street	250.45	15-inch pipe	Contract.
		498.10	12-inch pipe	
		56.00	10-inch pipe	
Athelwold street	Thane street and School street	377.00	20-inch pipe	Contract.
		26.00	10-inch pipe	
Bradshaw street	Glenway street and Charlotte street	408.20	15-inch pipe	Contract. 110.20 feet 6-inch house drain lowered.
		234.70	12-inch pipe	
Bicknell street	Bradshaw street and Harvard street	774.84	12-inch pipe	Contract.
Bradlee street	School street and Washington street	544.35	12-inch pipe	Contract.
Bowdoin avenue	And outlet in Eldon street	668.30	12 inch pipe	Contract. 19 feet 6-inch pipe, house drain lowered.
		30.00	10-inch pipe	
Bowdoin avenue	Bowdoin street and Bullard street	270.00	15-inch pipe	Contract.
		150.00	12-inch pipe	
Crescent-avenue brook	N.Y., N.H. & H. R.R. and Carson street	48.51	6 feet 6 inches, brick	Day labor.
		4.00	4 feet 3 inches, brick	
		48.00	10-inch pipe	
Clapp street	Massachusetts ave. and Boston st.	463.60	10-inch pipe	Contract.
Elton street	Sagamore street and Auckland street	197.00	12-inch pipe	Contract.
		49.00	10-inch pipe	
Freeport-street brook	Hancock street and Clarkson street	238.42	4 feet 6 inches, brick	Day labor.
	Tide-water and Hancock street	61.80	6 feet, brick	
		257.00	13 ft. 6 in. × 8 ft., brick	
		30.67	5 feet, brick	
		16.00	24-inch pipe	
		282.72	4 feet 6 inches, brick	
		36.55	18-inch pipe	
Grampian way	Savin Hill avenue and Rockland avenue,	335.65	10-inch pipe	Contract.

Dorchester. — *Continued.*

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor, under the Separate Systems, Acts of 1903, chapter 383.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Chamberlain street	Harvard street and Algonquin street	269.90	15-inch pipe	Contract. 9 feet 6-inch house drain lowered.
		129.30	12-inch pipe	
		14.00	10-inch pipe	
Elmont street	Existing drain and Waterlow street	339.85	10-inch pipe	Contract. 84 feet 6-inch house drain lowered.
Erie street	McLellan street and Wolcott street	213.75	18-inch pipe	Contract. 41 feet 6-inch house drain lowered.
		209.93	15-inch pipe	
		530.70	12-inch pipe	
		6.00	10-inch pipe	
Elmo street	Erie street and Blue Hill avenue	775.55	12-inch pipe	Contract. 17 feet 6-inch house drain lowered.
		25.00	10-inch pipe	
Erie street	Hewins street and Washington street	427.60	24-inch pipe	Contract.
		150.35	20-inch pipe	
		60.00	10-inch and 12-inch pipe	
Elmo street	Erie street easterly	224.55	15-inch pipe	Contract.
		419.25	12-inch pipe	
Elmo street	Erie street, westerly	348.65	15-inch pipe	Contract.
		242.20	12-inch pipe	
		6.00	10-inch pipe	
Esmond street	Harvard street and Bradshaw street	567.75	18-inch pipe	Contract. 26 feet 6-inch house drain lowered.
		35.00	10-inch pipe	
Fowler street	Glenway street and McLellan street	353.90	12-inch pipe	Contract.
		21.00	10-inch pipe	
	Glenway street and Greenwood street	704.69	12-inch pipe	Contract. 16 feet 6-inch house drain lowered.
		20.00	10-inch pipe	
Fenelon street	Merrill street and Washington street	299.50	12-inch pipe	Contract.
		2.00	10-inch pipe	
Glenway street	Harlem street and Erie street	302.95	24-inch pipe	Contract. 11 feet 6-inch house drain lowered.
		315.85	18-inch pipe	
	Erie street and Blue Hill avenue	318.65	15-inch pipe	Contract.
		361.95	12-inch pipe	
		27.00	10-inch pipe	

Glenway street	York street and Roxton street	159.40	18-inch pipe	Contract. 8 feet 6-inch house drain lowered.
		20.00	15-inch pipe	
		340.33	12-inch pipe	
		12.00	10-inch pipe	
	Roxton street and Harvard street	636.51	12-inch pipe	
		7.00	10-inch pipe	
Glenarm street	Seaver street and Washington street	621.90	12-inch pipe	Contract. 19 feet 6-inch house drain lowered.
Gleason street	Harvard street and Bradshaw street	864.70	12-inch pipe	Contract. 20 feet 6-inch house drain lowered.
Gaylord street	Chamberlain st. and Washington st	456.95	12-inch pipe	Contract. 83 feet 6-inch house drain lowered.
Harvard street	Blue Hill avenue and Vaughan street	198.45	3 feet 6 inches, brick	Contract.
		6.00	2 feet 9 inches, brick	
		36.00	6-inch house drain (new)	
	Vaughan street and Abbot street	301.30	2 feet 9 inches, brick	Contract. 50 feet 6-inch house drain lowered.
	Abbot street and Wales street	279.20	24-inch pipe	Contract. 40 feet 6-inch house drain lowered.
Harvard street	Wales street and Esmond street	279.00	18-inch pipe	Contract.
		73.00	10-inch pipe	
Harvard street	Esmond street and railroad bridge	227.00	20-inch pipe	Contract.
		18.00	12-inch pipe	
		5.00	10-inch pipe	
Harvard street	Kilton street and School street	100.00	15-inch pipe	Contract.
		200.00	10-inch pipe	
Harvard street	School street and Chamberlain street	241.55	24-inch pipe	Contract. 32 feet 6-inch house drain lowered.
		358.35	18-inch pipe	
		176.00	15-inch pipe	
		15.00	12-inch pipe	
		40.00	10-inch pipe	
Merrill street	Erie street and Glenarm street	365.90	12-inch pipe	Contract. 54 feet 6-inch house drain lowered.
		193.83	15-inch pipe	
Michigan avenue	Erie street and Columbia road	799.74	12-inch pipe	Contract. 22 feet 6-inch house drain lowered.
		27.00	10-inch pipe	
Morse street	Washington street and Bowdoin avenue,	279.55	12-inch pipe	Contract. 10 feet 6-inch house drain lowered.
Merlin street	Park street and Athelwold street	425.00	12-inch pipe	Contract. 48 feet 6-inch house drain lowered.
Millet street	Park street and Harvard street	533.52	12-inch pipe	Contract. 11 feet 6-inch house drain lowered.
McLellan street	Bradshaw street and Blue Hill avenue	900.35	12-inch pipe	Contract. 80 feet 6-inch house drain lowered.
		314.20	10-inch pipe	
Nottingham street	Bowdoin avenue and Bullard street	652.00	12-inch pipe	Contract.

Dorchester. — *Concluded.*

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor, under the Separate Systems, Acts of 1903, chapter 383.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Page street	Glenway street and McLellan street	201.60	12-inch pipe	Contract.
		249.20	10-inch pipe	
Park street	Spencer street and Merlin street	264.55	3 feet, brick	Contract. Rebuilding.
		6.65	2 feet 9 inches, brick	
		225.25	20-inch pipe	
		32.60	12-inch pipe	
		37.00	24-inch pipe	
		51.00	10-inch pipe	
Seaver street	Erie street and Columbia road	611.85	12-inch pipe	Contract. 80 feet 6-inch house drain lowered.
Spencer street	Park street and Harvard street	737.55	12-inch pipe	Contract. 15 feet 18-inch house sewer lowered.
		24.00	10-inch pipe	
School street	Washington street and Harvard street	411.50	15-inch pipe	Contract. 22 feet 6-inch house drain lowered.
		645.15	12-inch pipe	
		20.00	10-inch pipe	
Thane street	Park street and Harvard street	250.00	2 feet 6 inches, brick	Contract. 49 feet 6-inch house drain lowered.
Wales street	Harvard street and Blue Hill avenue	552.00	12-inch pipe	Contract. 26 feet 6-inch house drain lowered.
		499.50	10-inch pipe	
Wolcott street	Erie street and Columbia road	290.50	12-inch pipe	Contract. 32 feet 6-inch house drain lowered.
Warner street	Park street and Harvard street	775.70	12-inch pipe	Contract.
Washington street	Erie street and Faxon street	524.80	18-inch pipe	Contract. 91 feet 6-inch house drain lowered.
		408.30	20-inch pipe	
		61.00	10-inch pipe	
Washington street	Faxon street and Bowdoin street	800.00	24-inch pipe	Contract.

Sewers built between February 1, 1903, and February 1, 1904, by Private Parties.

Downer street	Off Howe street	159.75	12-inch pipe.	
Greeley street	Geneva avenue and Freeman street	316.00	12-inch pipe	238 feet 6-inch house drain.
Greenwood and Brenton streets	Roxton street and Glenway street	493.45	12-inch pipe.	
Wellington road	Magnolia street and Magnolia street	749.22	12-inch pipe.	
Lombard way	Dorchester avenue and Auckland street,	153.06	12-inch pipe.	

Sewers Abandoned or Rebuilt between February 1, 1903, and February 1, 1904.

Geneva avenue	Columbia road and Wilder street	135.00	12-inch pipe, sewer	Rebuilt.	
Harvard street	Blue Hill ave. and Chamberlain st.	303.15	15-inch pipe, sewer		
		330.85	12-inch pipe, sewer	Rebuilt.	
Freeport-street brook	Tide water and Hancock street	34.00	5 feet, brick	Rebuilt.	Dorchester intercepting
		24.00	36 inches × 48 inches, brick	sewer.	Abandoned.
Spencer street	Park street and Harvard street	15.00	18-inch pipe	Rebuilt.	

South Dorchester.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Adams street (public)	Washington street and Medway street	474.07	12-inch pipe, sewer	Contract.	Considerable rock.
Adams street (public)	Medway street about 190 feet easterly	189.50	12-inch pipe, sewer	Contract.	Considerable rock.
Ashmont street (public)	Train street about 400 feet westerly	399.55	12-inch pipe, sewer	Contract.	
Astoria street (private)	Elizabeth street about 400 feet southerly	436.15	12-inch pipe, sewer	Contract.	Considerable rock.
Bearse street (private)	Metropolitan park reservation and summit southwesterly	575.31	12-inch pipe, sewer	Contract.	Considerable rock.
Butler street (private)	Vose street and N.Y., N.H. & H. R.R.	259.00	12-inch pipe, sewer	Contract.	
Bloomington street and Stockmeath street (private)	Tolman street and Eaton street	402.68	12-inch pipe, sewer	Contract.	
Canterbury branch of Stony brook	In private land and Lucerne street	697.00	12-inch pipe, sewer	Day labor.	
Cedar street (public)	Sanford street and Manchester street	269.00	12-inch pipe, sewer	Contract.	Considerable rock.
Chickatawbut street (public)	Neponset avenue and Narragansett st.	631.00	12-inch pipe, sewer	Contract.	
Chickatawbut street (public)	Narragansett street and Glide street	1,039.02	12-inch pipe, sewer	Contract.	

South Dorchester. — *Continued.*

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.	
Built in	Between				
Cedar street (public)	River street and Sanford street	629.96	12-inch pipe, sewer	Contract.	Considerable rock.
Coffey street (private)	Neponset avenue and Newhall street	343.37	15-inch pipe, sewer	Day labor.	Rebuilt on piles.
Darling street (private)	Southern avenue and Norfolk street	444.38	12-inch pipe, sewer	Contract.	Considerable rock.
Davenport brook in private land and Hillside terrace	Van Winkle street and Bailey street	300.00	12-inch pipe, sewer	Day labor.	Supplementary sewer.
Fessenden street (private)	Norfolk street and Blue Hill avenue	430.45	12-inch pipe, sewer	Contract.	Mostly rock.
Johnston road (private)	Blue Hill avenue and Harvard street	320.23	12-inch pipe, sewer	Contract.	Considerable rock.
Mattapan street (private)	Blue Hill avenue and Summit	463.92	12-inch pipe, sewer	Contract.	Considerable rock.
Mattapan street (private)	Tileston avenue and Walk Hill street	115.00	12-inch pipe, sewer	Contract.	
Mattapan street (private)	Tileston avenue about 380 feet southeasterly to Summit	380.00	12-inch pipe, sewer	Contract.	Considerable rock.
Metropolitan park reservation	Milton branch railroad and Butler st.	508.63	18-inch pipe, sewer	Contract.	
Oakland street (public)	River street and Rockdale street	200.50	12-inch pipe, sewer	Contract.	Considerable rock.
Oakland street (public)	River street and Rockdale street	299.95	12-inch pipe, sewer	Contract.	Considerable rock.
Park street (public)	Beach street and Freeport street	949.73	12-inch pipe, sewer	Contract.	
Private land	Sturbridge street and Cedar street	208.21	12-inch pipe, sewer	Contract.	Some rock.
Private land	Rockdale street and Rosewood street	239.75	12-inch pipe, sewer	Contract.	Considerable rock.
Rich street (private)	West Selden street and Delhi street	244.50	12 inch pipe, sewer	Contract.	Considerable rock.
Rockdale street (private)	Oakland street and 400 feet southerly	397.10	12-inch pipe, sewer	Contract.	Considerable rock.
Rockville street (private)	Blue Hill av. and about 230 feet westerly	228.70	12-inch pipe, sewer	Contract.	Mostly rock.
Rockwell street (public)	Washington street and existing sewer	192.90	12-inch pipe, sewer	Contract.	Considerable rock.
Rosewood street (private)	Oakland street and end	344.40	12-inch pipe, sewer	Contract.	Considerable rock.
Sheridan street (private)	Minot street and end	245.00	12-inch pipe, sewer	Contract.	
South Eaton street and Eaton st.		387.13	12-inch pipe, sewer	Contract.	
Tileston avenue	Blue Hill avenue and Mattapan street	484.00	12-inch pipe, sewer	Contract.	
Tileston avenue	Mattapan street and Walk Hill street	149.50	12-inch pipe, sewer	Contract.	
Washington court		249.90	12-inch pipe, sewer	Contract.	
Washington street (public)	Armandine street and Rockwell street	230.20	15-inch pipe, sewer	Contract.	
Woodlawn avenue	West Selden and Delhi streets	355.00	12-inch pipe, sewer	Contract.	Considerable rock.

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Adams street (public)	Ashmount street and Oak avenue	363.65 263.44 130.87	15-inch pipe, surface drain... 12-inch pipe, surface drain... 10-inch pipe, surface drain... 8 catch-basins	Contract.
Davenport brook	Private land and Washington street, near Fairmount street	470.42	18-inch pipe, surface drain... 2 catch-basins	Some rock. Contract.
Davenport brook in private land and Hillside terrace	Van Winkle street and Bailey street	429.64	4 feet 6 inches, circular brick,	Day labor.
Mallet street (private)	Florida street and Adams street	336.62	12-inch pipe, surface drain... 1 catch-basin	Contract.
Oakland brook	River street and N.Y., N.H. & H. R.R.	350.70	8 feet 6 inches × 5 feet 3 inches, brick conduit	Contract. Considerable rock.
Oakland brook	River street and N.Y., N.H. & H. R.R.	707.00	Open ditch	Contract. Considerable rock.
Private land	South of Minot street and east of Adams street	1,073.00	Open ditch	Day labor.
Private land	Sturbridge street and Cedar street	194.35	15-inch pipe, surface drain...	Contract. Some rock.
Private land (Tenean creek)	Templeton street and Ashmont street	810.50	24-inch pipe, surface drain... 3 catch-basins	Day labor.
Tenean creek	Rosemont street and Centre street	951.14	18-inch pipe, surface drain...	Day labor.

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903, by the City, either by Contract or Day Labor.

Adams street (public)	Richmond st. and N.Y., N.H. & H. R.R.	877.40 32.00	15-inch pipe, surface drain... 10-inch pipe, surface drain... 2 catch-basins	Contract. Considerable rock.
Chipman street (private)	Norfolk street and Torrey street	520.54 21.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract. Considerable rock.
Canterbury branch of Stony brook	Private land and Lucerne street	690.00 20.00	4-foot circular brick conduit.. 3-foot 6-inch circular brick conduit	Day labor.
Corbet street (public)	Evans street and Norfolk street	622.55 16.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract. Some rock.
Corbet street (public)	Selden street and Evans street	460.07 37.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract. Considerable rock.

South Dorchester. — *Concluded.*

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.	
Built in	Between				
Edson street (public)	Norfolk street and Milton avenue	1,150.85	12-inch pipe, surface drain	Contract.	Some rock.
		38.00	6-inch pipe, house drains lowered		
Evans street (public)	Capen street and Thetford avenue	730.43	12-inch pipe, surface drain	Contract.	
		.....	1 catch basin		
		48.00	6-inch pipe, house drains lowered		
Evans street (public)	Nelson street and Capen street	574.00	12-inch pipe, surface drain	Contract.	
		18.00	6-inch pipe, house drains lowered		
Fuller street (private)	Capen street and Milton avenue	649.05	12-inch pipe, surface drain	Contract.	Some rock.
Ferndale street (private)	Southern avenue and Norfolk street	459.52	12-inch pipe, surface drain		
Fuller street (private)	Morton street and Capen street	729.70	12-inch pipe, surface drain	Contract.	Some rock.
Kilton street (private)	Wheatland avenue and Park street	599.95	12-inch pipe, surface drain	Contract.	
		20.00	6-inch pipe, house drains lowered		
Maxwell street (public)	Capen street and Milton avenue	470.44	12-inch pipe, surface drain	Contract.	
		29.00	6-inch pipe, house drains lowered		
Maxwell street (public)	Nelson street and Capen street	626.01	10-inch pipe, surface drain	Contract.	Some rock.
Milton avenue (public)	Norfolk street and Edson street	998.35	12-inch pipe, surface drain	Contract.	
		36.00	6-inch pipe, house drains lowered		
Millet street (public)	Wheatland avenue and Park street	600.60	12-inch pipe, surface drain	Contract.	
Morton street (public)	West Selden street and Evans street	480.50	15-inch pipe, surface drain	Contract.	Considerable rock.
Mountain avenue (private)	Ballou avenue about 720 feet north	348.00	10-inch pipe, surface drain	Contract.	Some rock.
Nelson street (public)	Selden street and Norfolk street	267.00	15-inch pipe, surface drain	Contract.	Some rock.
		241.40	12-inch pipe, surface drain		
		18.20	10-inch pipe, surface drain		
		.....	4 catch-basins		
Nelson street (public)	Evans street and Norfolk street	270.00	12-inch pipe, surface drain	Contract.	Considerable rock.

Norfolk street (public)	Lauriat avenue and Stanton street	1,191.00 25.00 50.00	15-inch pipe, surface drain... 10 inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	Some rock.
Northern avenue (private)	Talbot avenue and Washington street	627.15 173.05 12.00	12-inch pipe, surface drain... 24-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	
Oakland street (public)	River street and Rockville street	703.55	15-inch pipe, surface drain...	Contract.	Considerable rock.
Rosedale street (public)	Whitfield street and Washington street	709.85	12-inch pipe, surface drain...	Contract.	
Selden street (public)	Capen street and Milton avenue.	750.95 35.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	Some rock.
Selden street (public)	Nelson street and Capen street	582.90 6.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	
Stanton street (public)	Norfolk street and Evans street	1,130.50 6.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	
Sturbridge street (public)	River street and Sanford street	457.22 7.00	30-inch pipe, surface drain... 15-inch pipe, surface drain...	Contract.	
Thetford avenue (public)	Norfolk street and Evans street	1,296.15 125.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	Some rock.
Walk Hill street (public)	Blue Hill avenue, about 1,000 ft. westerly,	1,001.19 18.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	Some rock.
Whitfield street (private)	Talbot avenue and Wheatland avenue	600.35 41.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	
Whitman street (private)	Norfolk street and Dunbar avenue	769.45 13.00	12-inch pipe, surface drain... 6-inch pipe, house drains lowered	Contract.	

Roxbury.

Surface Drains built between February 1, 1903, and February 1, 1904, by Private Parties.

Alpha road (private)	Waldeck street and Park street	336.00	12-inch pipe, sewer.	

Roxbury. — *Continued.*

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Copeland street	Warren street and Burton avenue	227.65	12-inch pipe	Contract.
		45.60	15-inch pipe	
Cedar street	Columbus avenue and Centre street	434.25	24-inch pipe	Contract.
Fenner street	Washington street and Walnut avenue	33.00	18-inch pipe	Day labor. Rebuilding.
Fort avenue	Highland Park st. and Beach Glen st.	486.00	12-inch pipe	Contract. Part rebuilt.
		9.00	10-inch pipe	11 feet 6-inch house drain.
Pickering avenue	Off Walnut avenue	249.00	12-inch pipe	Contract.
Station street	Columbus avenue and R.R. bridge	54.75	12-inch pipe	Contract.
Warren street	Moreland street and Rockville Park	475.35	2 feet × 3 feet, brick	Day labor. Rebuilding.
	Intervale street and Brunswick street	245.00	2 ft. 6 in. × 3 ft. 9 in.	
		12.00	18-inch pipe	

Sewers built between February 1, 1903, and February 1, 1904, by the City, in streets laid out under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Davenport street	Tremont street and Columbus avenue	179.20	18-inch pipe	Day labor. Rebuilding. 1 18-inch tide gate manhole.
		181.00	6-in. pipe, house drain	
		20.00	10-in. pipe, catch-basin drain,	
		.....	3 manholes	
		.....	1 catch-basin	
Dunreath street	Aspen street and Warren street	200.45	12-inch pipe	Rebuilt. Contract.
		89.00	10-in. pipe, catch-basin drain,	
		.....	3 manholes	
		.....	2 catch-basins	
		249.00	6-inch pipe, house drain	

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor, under the Separate Systems Act of 1903, chapter 383.

Otisfield street	Blue Hill avenue and Gaston street	151.00	15-inch pipe	Contract.
		266.40	12-inch pipe	
		40.00	10-inch pipe	
Ruthven street	Humboldt avenue and Elm Hill avenue,	507.60	18-inch pipe	Contract.
		573.10	15-inch pipe	
Rockland avenue	Dale street and Rockland street	410.00	18-inch pipe	Contract. 6-foot house drain lowered.
Wabeno street	Waumbeck street and Wyoming street	432.60	12-inch pipe	Contract. 30 feet 6-inch house drain lowered.
Wabon street	Warren street and Wabeno street	148.20	18-inch pipe	Contract. 48 feet 6-inch pipe, house drain lowered.
		266.25	15-inch pipe	
		325.00	12-inch pipe	
Wyoming street	Warren street and Humboldt avenue	399.80	15-inch pipe	Contract. 14 feet 6-inch pipe, house drain lowered.
		416.60	12-inch pipe	
		24.00	10-inch pipe	
Hollander street	Crawford street and Humboldt avenue	576.90	18-inch pipe	Contract.
Abbotsford street	Walnut avenue and Harold street	647.60	12-inch pipe	Contract. 52 feet 6-inch house drain lowered.
		32.00	10-inch pipe	
Gaston street	Blue Hill avenue and Gannett street	428.65	24-inch pipe	Contract. 54 feet 6-inch house drain lowered.
		16.00	10-inch pipe	
Gannett street	Gaston street and Holborn street.	475.00	18-inch pipe	Contract.
Harold street	Crawford street and Hutchings street	349.30	15-inch pipe	Contract.
		505.50	12-inch pipe	
		32.00	10-inch pipe	
Homestead street	Walnut avenue and Humboldt avenue	290.00	15-inch pipe	Contract. 30 feet 6-inch house drain lowered.
		966.50	12-inch pipe	
Humboldt avenue	Homestead street and Hutchings street.	313.00	2 feet × 3 feet, brick	Contract.
		256.00	24-inch pipe	
Holborn street	Blue Hill avenue and Warren street	512.00	12-inch pipe	Contract.
Hampshire street	Whittier street and Ruggles street	50.00	13 feet × 7 feet, brick	Day labor.
Cobden street	Washington street and Walnut avenue,	574.40	12-inch pipe	Contract.
		28.00	10-inch pipe	
Hutchings street	Humboldt avenue and Harold street	249.55	15-inch pipe	Contract.
		406.00	12-inch pipe	
		20.00	10-inch pipe	
Cedar street	Columbus avenue and Centre street	117.00	10-inch pipe	Contract.
		37.40	15-inch pipe	
		16.00	18-inch pipe	
		102.00	8-inch pipe	

Roxbury. — *Continued.*

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor, under the Separate Systems Act of 1903, chapter 383.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Fenner street	Washington street and Walnut avenue,	90.52	4 feet brick surface drain	Day labor.
Pickering avenue	Off Walnut avenue	15.00	10-in. pipe, catch-basin drain,	Contract.
		.....	1 catch basin	
Station street	Columbus avenue and R.R. bridge	5.00	10-in. pipe, catch-basin drain,	Contract.
Warren street	Intervale street and Brunswick street	10.00	12-in. pipe, catch-basin drain,	Day labor.

Sewers Abandoned or Rebuilt between February 1, 1903, and February 1, 1904.

Cedar street	Columbus avenue and Centre street	20.00	10-inch pipe	Rebuilt.
Copeland street	Warren street and Burton avenue	15.00	15-inch pipe	Abandoned.
Davenport street	Tremont street and Columbus avenue	349.20	12-inch pipe	Rebuilt.
Dunreath street	Aspen street and Warren street	200.00	8 inches × 10 inches, pipe	Rebuilt.
Fenner street	Washington street and Walnut avenue	56.00	24 inches × 31 inches, brick	Abandoned.
Fort avenue	Highland Park st. and Beech Glen st.	.....	.....	Rebuilt. Private.
Station street	Columbus avenue and railroad bridge	14.00	12-inch pipe	Rebuilt.
Warren street	Moreland street and Rockland park	475.35	16 inches × 20 inches, brick	Rebuilt.
Warren street	Intervale street and Brunswick street	195.00	15-inch pipe	Rebuilt.
		38.00	2 ft. 3 in. × 2 ft. 11 in., brick	Rebuilt.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Fisher avenue	Parker street and Bucknam street	288.60	24-inch pipe, sewer	Day labor.
		37.03	18-inch pipe, sewer	
		826.00	12-inch pipe, sewer	
Fisher avenue	Bucknam street and Hayden street	517.62	12-inch pipe, sewer	Contract.

Halleck street	Caldwell street and Prentiss street	143.21	3 ft. 9-in. diam., brick sewer	Day labor.
		280.84	3 feet 6 inches × 3 feet 8½ inches, drain, brick sewer	
		680.81	18-inch pipe, sewer	
		15.50	12-inch pipe, sewer	
		230.00	6-inch pipe, house drain	
Vila-street extension	Kenwood road southwesterly	241.04	12-inch pipe, sewer	Contract.
		12.00	6-inch pipe, chimney	

Sewers built between February 1, 1903, and February 1, 1904, by the City, under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Jersey street	Brookline avenue and Audubon road	44.94	30 inches × 36 inches, brick, house sewer	Day labor.
		547.90	4 feet 3 inches, circular brick surface drain	
		326.31	3 feet 9 inches, circular brick surface drain	
		27.00	3 feet, circular brick surface drain	
		179.15	2 feet 5 inches, circular brick surface drain	
		57.00	24-inch pipe, surface drain	
		8.00	18-inch pipe, overflow	
		63.00	18-inch pipe, surface drain	
		568.11	18-inch pipe, house sewer	
		116.00	15 inch pipe, surface drain	
		539.70	12-inch pipe, surface drain	
		873.17	12-inch pipe, house sewer	
		119.68	10-inch pipe, surface drain	
		521.00	8-inch pipe, house drain	
		195.00	6-inch pipe, house drain	
		536.00	8-inch pipe, surface drain	
		.....	3 manholes on pipe, surface drain	
		.....	2 lamp-holes on pipe, surface drains	
		.....	14 manholes on pipe, house sewer	
		.....	1 18-inch tide-gate manhole	
		.....	1 5-foot tide-gate manhole	
		.....	7 catch-basins	
		.....	5 drop inlets	

Roxbury. — *Continued.*

Sewers built between February 1, 1903, and February 1, 1904, by the City, under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Queensbury street	Audubon road and Audubon road	1,463.45	30 inches × 36 inches, brick, house sewer	Day labor.
		24.25	18-inch pipe, house sewer	
		62.25	12-inch pipe, house sewer	
		870.00	8-inch pipe, house drain	
		289.50	18 in. pipe, catch-basin drain,	
		1,362.49	15-in. pipe, catch-basin drain,	
		8.00	12-in. pipe, catch-basin drain,	
		260.20	10-in. pipe, catch-basin drain,	
		.....	9 catch-basins	
		.....	9 drop inlets	
Cummington street (including outlet in Lawton street)	Blandford street and Lawton street	214.28	18-inch pipe, house sewer	Contract.
		1,233.08	6-inch pipe, house drain	
		690.20	15-in. pipe, catch-basin drain,	
		696.66	12-in. pipe, catch-basin drain,	
		199.14	10-in. pipe, catch-basin drain,	
		.....	8 catch-basins	
		.....	7 drop inlets	
Cummington street	Blandford street and Lawton street	560.00	18-inch pipe, house sewer	Rebuilding. Contract.
Blandford street	Commonwealth avenue and B. & A. R.R.	260.00	18-inch pipe, house sewer	Rebuilding. Contract and day labor.
Oswald street	Calumet street and Hillside street	22.00	10-in pipe, catch-basin drain	Contract.
		24.00	6-inch pipe, house drain	
		.....	2 catch-basins	

Sewers built between February 1 1903, and February 1, 1904, under the Acts of 1903, chapter 383.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Smith street	Whitney street and Huntington avenue.	407.00	12-inch pipe, sewer	Contract, part rebuilding.
Phillips street and Longwood avenue	.....	20.00	15-inch pipe, sewer	Contract.
		192.10	12-inch pipe, sewer	
		23.00	10-inch pipe, sewer	
		85.00	6-inch, 8-inch or 10-inch pipe, house drain	

Longwood avenue	Huntington avenue and 500 feet easterly,	345.88 221.00	12-inch pipe, sewer 6-inch, 8-inch, or 10-inch pipe, house drain	Contract.

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Longwood avenue	Worthington st. and Wigglesworth st.	20.33 186.75 51.33	15-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Gay Head street	Round Hill street and Centre street	236.00 50.00	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 3 catch-basins	Contract.
Fisher avenue	Parker street and 940 feet westerly	675.52 269.50	18-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain, 3 catch-basins	Contract.
Fisher avenue	940 feet from Parker st. to Hayden st.	265.53 625.87	15-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Old Heath and Parker streets to Fisher avenue	.....	193.50 288.65 34.00	24-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903.

Longwood avenue	Vila street and Wigglesworth street	222.68 220.88 424.60	24-in. pipe, catch-basin drain, 18-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain,	Contract.
Wigglesworth street	Longwood ave. and Huntington ave.	445.71	10-in. pipe, catch-basin drain,	Contract.
Bellevue street	Brookline avenue and Bernier street	1,119.29 239.02 10.00	15-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.
Bernier and Plymouth streets	.....	666.45	12-in. pipe, catch-basin drain,	Contract.
Bellevue street	Bernier street and Austin street	403.00 310.20	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.
Huntington avenue	Smith street and Tremont street	450.00	3 feet, circular brick surface drain	Day labor.

Roxbury. — *Concluded.*

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 333 of the Acts of 1903.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Huntington avenue	Ward street and Smith street	192.17	15-in. pipe, catch-basin drain,	Contract.
		642.25	12-in. pipe, catch-basin drain,	
		8.00	10-in. pipe, catch-basin drain,	
Longwood avenue	Parker street and Phillips street	417.40	12-in. pipe, catch-basin drain,	Contract.
		209.00	10-in. pipe, catch-basin drain,	
Phillips street	Tremont street and Conant street	658.30	12-in. pipe, catch-basin drain,	Contract.
Hillside street	Parker Hill avenue and Sachem street	820.95	15-in. pipe, catch-basin drain,	Contract.
		362.74	12-in. pipe, catch-basin drain,	
		68.00	10-in. pipe, catch-basin drain,	
Batavia street	Hemenway street and St. Stephen street,	467.50	15-in. pipe, catch basin drain,	Contract.
		465.14	12-in. pipe, catch-basin drain,	
		69.00	10-in. pipe, catch-basin drain,	
Worthington street	Huntington avenue and Smith street	178.65	10-in. pipe, catch-basin drain,	Contract.
Haviland street	Hemenway st. and Massachusetts ave.	463.79	12-in. pipe, catch-basin drain,	Contract.
		6.00	10-in. pipe, catch-basin drain,	
Worthington street	Longwood ave. and Huntington ave.	221.96	10-in. pipe, catch-basin drain,	Contract.
Whitney street	Conant street and Smith street	257.54	12-in. pipe, catch-basin drain,	Contract.
		4.00	10-in. pipe, catch-basin drain,	
St. Alphonsus street	Tremont street and Calumet street	507.60	18-in. pipe, catch-basin drain,	Contract.
		251.25	15-in. pipe, catch-basin drain,	
		4.50	10-in. pipe, catch-basin drain,	
Evergreen street	Day street and 440 feet westerly	281.67	12-in. pipe, catch-basin drain,	Contract.
		155.91	10-in. pipe, catch-basin drain,	
Longwood avenue	Brookline avenue and Autumn street	358.20	15-in. pipe, catch-basin drain,	Contract.
		365.00	10-in. pipe, catch-basin drain,	
		.....	4 catch-basins	
Ward street	Parker street and 330 feet westerly	340.19	24-in. pipe, catch-basin drain,	Contract.
		23.00	10-in. pipe, catch-basin drain,	
Ward street	Phillips street and 280 feet easterly	284.50	24-in. pipe, catch-basin drain,	Contract.
		29.00	10-in. pipe, catch-basin drain,	
Smith street	Whitney street and Worthington street	255.59	3 feet, circular brick surface drain	Contract.
		52.00	10-in. pipe, catch-basin drain,	

Phillips st. and Longwood ave....	.....	19.30	18-in. pipe, catch-basin drain,	Contract.
		288.00	15-in. pipe, catch-basin drain,	
		41.00	12-in. pipe, catch-basin drain,	
		91.16	10-in. pipe, catch-basin drain,	
Parker Hill avenue	Huntington ave. and 750 ft. southerly...	354.35	18-in. pipe, catch-basin drain,	Contract.
		440.00	15-in. pipe, catch-basin drain,	
Smith st. and Huntington ave..	Worthington street and Wigglesworth street, across Wigglesworth street...	250.00	3 feet diameter, brick surface drain.....	Contract.
Wigglesworth street	Smith street and Tremont street.....	461.61	12-in. pipe, catch-basin drain,	Contract.
Ward street.....	Phillips street and Huntington avenue..	611.15	20-in. pipe, catch-basin drain,	Contract.
		22.50	15-in. pipe, catch-basin drain,	
		27.00	10-in. pipe, catch-basin drain,	
Faxon street.....	Smith street and Tremont street.....	391.20	12-in. pipe, catch-basin drain,	Contract.
Longwood avenue	Huntington avenue and 500 feet easterly,	140.62	10-in. pipe, catch-basin drain,	Contract.
Hemenway street.....	Westland avenue and Boylston street...	20.00	30 inches diameter, brick surface drain.....	Contract.
Kenwood road	Kempton street and Huntington avenue,	257.91	15-in. pipe, catch-basin drain,	Contract.
		298.91	12-in. pipe, catch-basin drain,	
Vila-street extension.....	Kempton street southwesterly.....	244.50	15-in. pipe, catch-basin drain,	Contract.
Worthington street.....	Smith street and Tremont street.....	463.44	12-in. pipe, catch-basin drain,	Contract.
Conant street.....	Parker street and Phillips street.....	590.65	12-in. pipe, catch-basin drain,	Contract.
		22.00	10-in. pipe, catch-basin drain,	
Conant street.....	St. Alphonsus street and Phillips street,	529.42	12-in. pipe, catch-basin drain,	Contract.
Astor street	Hemenway st. and Massachusetts ave...	504.00	15-in. pipe, catch-basin drain,	Contract.
		335.46	12-in. pipe, catch-basin drain,	
		131.00	10-in. pipe, catch-basin drain,	
Sunset street and Eldora street...	.....	871.80	12-in. pipe, catch-basin drain,	Contract.
		23.00	10-in. pipe, catch-basin drain,	
Phillips street.....	Longwood avenue and Conant street...	195.60	10-in. pipe, catch-basin drain,	Contract.
Oregon street.....	Conant street and Smith street.....	269.99	10-in. pipe, catch-basin drain,	Contract.
Longwood avenue.....	Vila street and Brookline avenue	274.60	15-in. pipe, catch-basin drain,	Contract.
		337.30	12-in. pipe, catch-basin drain,	
Bellevue street and Francis street,	Brookline avenue and Austin street.....	817.00	12-in. pipe, catch-basin drain,	Contract.
		40.00	10-in. pipe, catch-basin drain,	
Wait street.....	Huntington avenue and Hillside street..	700.00	10-in. pipe, catch-basin drain,	Contract.
		8.00	8-in. pipe, catch-basin drain,	
Autumn street	Longwood avenue and Park street.....	422.00	10-in. pipe, catch-basin drain,	Contract.
Parker Hill avenue	Huntington ave. and 750 feet southerly..	3.18	18-in. pipe, catch-basin drain,	Day labor.
		3.17	15-in. pipe, catch-basin drain,	

Sewers built between February 1 1903, and February 1 1904, by Private Parties.

Posen street.....	Arklow street and Ulmer street.....	426.50	12-inch pipe, sewer.....	Release.
Ulmer street.....	Arklow street and Walden street.....	605.00	12-inch pipe, sewer.....	

City Proper.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
South street	Kneeland street and Beach street	318.19	18-inch pipe, sewer	Day labor. Rebuilding.
Purchase street	At Gridley street	37.85	18-inch pipe, sewer	Day labor. Rebuilding.
		14.50	12-inch pipe, sewer	
Tyler street	Kneeland street and Beach street	193.21	30 in. × 36 in., brick sewer	Day labor. Rebuilding.
		25.86	18-inch pipe, sewer	
Hale st. (formerly Crescent pl.)	Green street, northerly	269.30	12-inch pipe, sewer	Contract.
Gainsborough street	Huntington ave. and N.Y., N.H. & H. R.R.	305.22	12-inch pipe, sewer	Contract.
Otter, Back and Hereford streets,	In Otter street	.....	18-inch pipe, house sewer	Day labor. Excavation only.
Norman street	North Margin street and Green street	28.00	12-inch pipe, house sewer	Day labor.
North street	Blackstone street and No. Centre street,	141.51	30 inches × 36 inches, brick, house sewer	Day labor. Rebuilding.
Albion street	Dover street and Compton street	336.53	12-inch pipe, house sewer	Contract.
		29.70	6-inch pipe, chimneys	
Albion street	Compton street and Castle street	470.86	12-inch pipe, sewer	Contract.
Village street	Dover street and Compton street	385.97	12-inch pipe, sewer	Contract.
		13.00	6-inch pipe, chimneys	
Court square, west side	Court street, southerly	127.00	12-inch pipe, sewer	Contract.
Hanover street	Cross street and Washington street	.....	Refill only	Contract. (*See* 1902.)
Fleet and North streets	Commercial street and Clark street	.....	Refill only	Day labor. (*See* 1902.)
Commercial street	At North Market street	.....	Refill only	Contract. (*See* 1902.)
Passageway, so. of Wellington st.	.....	305.17	15-inch pipe, house sewer	Day labor. Part rebuilt.
James street	E. Brookline st. and E. Newton st.	80.00	20-inch pipe, sewer	Day labor. Rebuilding.
Causeway street	Prospect street and Wall street	39.10	24-inch pipe, sewer	Contract.

Sewers built between February 1, 1903, and February 1, 1904, by the City, under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Hale street extended to South Margin street	Crescent place and South Margin street,	160.69	12-inch pipe, sewer	Contract.
		22.00	8-inch pipe, house drain	
		198.00	6-inch pipe, house drain	
		18.00	10-in. pipe, catch-basin drain,	
		.....	2 catch-basins	

Public alley 804	Off Camden street	139.20	12-in. pipe, catch-basin drain,	Contract.
		168.50	10-in. pipe, catch-basin drain,	
Public alleys 13, 14, 15	Off Poplar street	92.00	10-in. pipe, catch-basin drain,	Contract.
		6.00	10-inch iron pipe, catch-basin drain	
Dilworth street	Camden street and Northampton street	174.81	18-inch pipe, sewer	Day labor.
		122.50	12-inch pipe, sewer	
		158.00	6-inch pipe, house drain	
		52.00	10-inch pipe, surface drain	
		235.80	12-inch pipe, surface drain	
		.....	4 catch-basins	
		.....	3 manholes	
		.....	1 tide-gate manhole	

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Tyler street	Kneeland street and Beach street	27.00	10-in. pipe, catch-basin drain,	Day labor.
Hale street (formerly Crescent place)	.....	26.00	10-in. pipe, catch-basin drain,	Contract.
		.....	2 catch-basins	
Gainsborough street	Huntington avenue and N.Y., N.H. & H. R.R.	82.02	10-in. pipe, catch-basin drain,	Contract.
		.....	4 catch-basins	
		.....	1 drop inlet	
Carleton street	Yarmouth street and W. Newton street,	268.80	10-in. pipe, catch-basin drain,	Special Act, 1900, chapter 139. Contract.
		99.29	10-in. iron pipe, catch-basin drain	

Sewers built between February 1, 1903, and February 1, 1904, by Private Parties.

Eliot school yard	North Bennet street and Tileston street,	128.79	12-inch pipe, sewer	Schoolhouse Department. Release.
State street	India street and Washington street	55.50	2 feet 2 inches × 3 feet 3 inches concrete sewer	Transit Commissioners. Rebuilding. Six catch-basins removed.
		83.00	15-inch pipe, sewer	
		14.00	12-inch pipe, sewer	
		.....	8 catch-basins	
Court street	Washington street and Tremont street	488.00	15-inch pipe, sewer	Transit Commissioners. Rebuilding.
		262.00	12-inch pipe, sewer	
		.....	3 catch-basins	
		.....	6 manholes	

South Boston.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
A street	West First street and Congress street	319.00	24-inch pipe	Day labor. Rebuilding separate systems of drainage.
Columbia road	Board of Survey street No. 1746 and Preble street	410.63	4 ft. 6 in. × 4 ft. 9½ in., brick	Day labor. (Chapter 323.)
		235.50	4 ft. × 4 ft. 2¾ in., brick	
		271.44	3 ft. × 3 ft. 2 in., brick, including tide-gate chamber	
		210.61	2 ft. 6 in. × 2 ft. 7¾ in., brick	
		50.38	24-inch pipe	
		37.20	18-inch pipe	
		156.69	12-inch pipe	
D street	Dorchester avenue and Seventh street	945.10	3 ft. 6 in. × 3 ft. 8½ in., brick	Day labor. Rebuilding sewerage works.
		24.00	24-inch pipe	
		37.70	15-inch pipe	
Dorchester street	Dorchester ave. and East Eighth st.	63.57	18-inch pipe	Day labor. Dorchester street, special draft.
		171.73	15-inch pipe	
		170.00	12-inch pipe	
		18.57	10-inch pipe	
Dorchester street	Dorchester ave. and East Eighth st.	745.99	12-inch pipe	Contract. Dorchester street, special draft.
Kemp-street outlet for Columbia road	Columbia road and Washington avenue	527.17	15-inch pipe, sewer	Day labor. Sewerage works.
Vale-street outlet	Columbia road and tide-water	217.00	6 feet 6 inches, brick	Day labor. Rebuilding sewerage works.

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Built in	Between	Length in Feet.	Dimensions and Materials.	Remarks.
A street	West First street and Congress street	160.00	4 feet 6 inches	Day labor. Separate systems of drainage.
		79.00	4 feet	
Columbia road	Street No. 1746 to Preble street	14.68	10-inch pipe	Day labor. (Chapter 323.)
		53.00	12-inch pipe	
		35.24	15-inch pipe	

Dorchester street	Dorchester ave. and East Eighth st.	10.00	10-in. pipe, catch-basin drain,	Day labor. Dorchester street, special draft.
		.....	1 catch-basin	
Dorchester street	Dorchester ave. and East Eighth st.	223.00	10-in. pipe, catch-basin drain,	Contract. Dorchester street, special draft.
		.....	14 catch-basins	
		.....	6 drop inlets	

Sewers Rebuilt or Abandoned between February 1, 1904, and February 1, 1905.

A street	West First street and Congress street	319.00	2 feet × 2 feet, brick	Rebuilt.
Columbia road	Street No. 1746 and Preble street	59.60	15-inch pipe	Abandoned.
D street	Dorchester avenue and Seventh street	945.10	30 inches × 36 inches and 20 inches × 24 inches, brick	Rebuilding.
		24.00	30 inches × 36 inches, brick	
Dorchester street	Dorchester ave. and East Eighth st.	52.50	16 inches × 24 inches, brick	Abandoned.
		62.00	12-inch pipe	Removed.
		187.00	12-inch pipe	Abandoned.
Vale street	Columbia road and tide-water	217.00	3 ft. × 3 ft. 8 in., wood	Rebuilt.
Columbia road	Street No. 1746 and Preble street	88.77	2 ft. 4 in. × 3 ft., wood	Abandoned.
		205.20	2 feet × 3 feet, brick	

East Boston.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Addison street	Metropolitan pumping station and Kneller street (East Boston low level)	1,172.88	3 feet 3 inches × 4 feet 6 inches, brick	Contract. Construction of highways.
Bennington street (East Boston high level sewer)	Saratoga street and Leyden street	65.26	24-inch pipe	Day labor. Construction of highways.
Bennington street	Prescott street and Bremen street	129.59	12-inch pipe	Contract. Construction of highways.
		224.00	10-in. pipe, catch-basin drain,	
Frankfort street	Prescott street to Parkway	1,129.59	15-inch pipe	Day labor. Sewerage works.
Kneller street	Addison street and Trumbull street	240.00	3 feet × 4 feet 6 inches, brick,	Day labor. Separate systems of drainage.
Marion street	Bremen street and Orleans street	24.00	24-inch pipe	Contract. Sewerage works.
Prescott street	Frankfort street and Cleveland street	284.00	18-inch pipe	Day labor. Sewerage works.
Prescott street	Bremen street and Frankfort street	415.16	24-inch pipe 20-inch pipe	Day labor. Sewerage works.

Roxbury. — *Continued.*

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor, under the Separate Systems Act of 1903, chapter 383.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Fenner street	Washington street and Walnut avenue,	90.52	4 feet brick surface drain	Day labor.
Pickering avenue	Off Walnut avenue	15.00	10-in. pipe, catch-basin drain,	Contract.
		.....	1 catch basin	
Station street	Columbus avenue and R.R. bridge	5.00	10-in. pipe, catch-basin drain,	Contract.
Warren street	Intervale street and Brunswick street	10.00	12-in. pipe, catch-basin drain,	Day labor.

Sewers Abandoned or Rebuilt between February 1, 1903, and February 1, 1904.

Cedar street	Columbus avenue and Centre street	20.00	10-inch pipe	Rebuilt.
Copeland street	Warren street and Burton avenue	15.00	15-inch pipe	Abandoned.
Davenport street	Tremont street and Columbus avenue	349.20	12-inch pipe	Rebuilt.
Dunreath street	Aspen street and Warren street	200.00	8 inches × 10 inches, pipe	Rebuilt.
Fenner street	Washington street and Walnut avenue	56.00	24 inches × 31 inches, brick	Abandoned.
Fort avenue	Highland Park st. and Beech Glen st.	.....	.....	Rebuilt. Private.
Station street	Columbus avenue and railroad bridge	14.00	12-inch pipe	Rebuilt.
Warren street	Moreland street and Rockland park	475.35	16 inches × 20 inches, brick	Rebuilt.
Warren street	Intervale street and Brunswick street	195.00	15-inch pipe	Rebuilt.
		38.00	2 ft. 3 in. × 2 ft. 11 in., brick	Rebuilt.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Fisher avenue	Parker street and Bucknam street	288.60	24-inch pipe, sewer	Day labor.
		37.03	18-inch pipe, sewer	
		826.00	12-inch pipe, sewer	
Fisher avenue	Bucknam street and Hayden street	517.62	12-inch pipe, sewer	Contract.

Halleck street	Caldwell street and Prentiss street	143.21	3 ft. 9-in. diam., brick sewer	Day labor.
		280.84	3 feet 6 inches × 3 feet 8½ inches, drain, brick sewer	
		680.81	18-inch pipe, sewer	
		15.50	12-inch pipe, sewer	
		230.00	6-inch pipe, house drain	
Vila-street extension	Kenwood road southwesterly	241.04	12-inch pipe, sewer	Contract.
		12.00	6-inch pipe, chimney	

Sewers built between February 1, 1903, and February 1, 1904, by the City, under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Jersey street	Brookline avenue and Audubon road	44.94	30 inches × 36 inches, brick, house sewer	Day labor.
		547.90	4 feet 3 inches, circular brick surface drain	
		326.31	3 feet 9 inches, circular brick surface drain	
		27.00	3 feet, circular brick surface drain	
		179.15	2 feet 5 inches, circular brick surface drain	
		57.00	24-inch pipe, surface drain	
		8.00	18-inch pipe, overflow	
		63.00	18-inch pipe, surface drain	
		568.11	18-inch pipe, house sewer	
		116.00	15 inch pipe, surface drain	
		539.70	12-inch pipe, surface drain	
		873.17	12-inch pipe, house sewer	
		119.68	10-inch pipe, surface drain	
		521.00	8-inch pipe, house drain	
		195.00	6-inch pipe, house drain	
		536.00	8-inch pipe, surface drain	
		.....	3 manholes on pipe, surface drain	
		.....	2 lamp-holes on pipe, surface drains	
		.....	14 manholes on pipe, house sewer	
		.....	1 18-inch tide-gate manhole	
		.....	1 5-foot tide-gate manhole	
		.....	7 catch-basins	
		.....	5 drop inlets	

Roxbury. — *Continued.*

Sewers built between February 1, 1903, and February 1, 1904, by the City, under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Queensbury street	Audubon road and Audubon road	1,463.45	30 inches × 36 inches, brick, house sewer	Day labor.
		24.25	18-inch pipe, house sewer	
		62.25	12-inch pipe, house sewer	
		870.00	8-inch pipe, house drain	
		289.50	18 in. pipe, catch-basin drain,	
		1,362.49	15-in. pipe, catch-basin drain,	
		8.00	12-in. pipe, catch-basin drain,	
		260.20	10-in. pipe, catch-basin drain,	
		.....	9 catch-basins	
		.....	9 drop inlets	
Cummington street (including outlet in Lawton street)	Blandford street and Lawton street	214.28	18-inch pipe, house sewer	Contract.
		1,233.08	6-inch pipe, house drain	
		690.20	15-in. pipe, catch-basin drain,	
		696.66	12-in. pipe, catch-basin drain,	
		199.14	10-in. pipe, catch-basin drain,	
		.....	8 catch-basins	
		.....	7 drop inlets	
Cummington street	Blandford street and Lawton street	560.00	18-inch pipe, house sewer	Rebuilding. Contract.
Blandford street	Commonwealth avenue and B. & A. R.R.	260.00	18-inch pipe, house sewer	Rebuilding. Contract and day labor.
Oswald street	Calumet street and Hillside street	22.00	10-in pipe, catch-basin drain	Contract.
		24.00	6-inch pipe, house drain	
		.....	2 catch-basins	

Sewers built between February 1, 1903, and February 1, 1904, under the Acts of 1903, chapter 383.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
Smith street	Whitney street and Huntington avenue	407.00	12-inch pipe, sewer	Contract, part rebuilding.
Phillips street and Longwood avenue	.....	20.00	15-inch pipe, sewer	Contract.
		192.10	12-inch pipe, sewer	
		23.00	10-inch pipe, sewer	
		85.00	6-inch, 8-inch or 10-inch pipe, house drain	

Longwood avenue	Huntington avenue and 500 feet easterly,	345.88 221.00	12-inch pipe, sewer 6-inch, 8-inch, or 10-inch pipe, house drain	Contract.

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Longwood avenue	Worthington st. and Wigglesworth st.	20.33 186.75 51.33	15-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Gay Head street	Round Hill street and Centre street	236.00 50.00	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 3 catch-basins	Contract.
Fisher avenue	Parker street and 940 feet westerly	675.52 269.50	18-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain, 3 catch-basins	Contract.
Fisher avenue	940 feet from Parker st. to Hayden st.	265.53 625.87	15-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Old Heath and Parker streets to Fisher avenue	.....	193.50 288.65 34.00	24-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903.

Longwood avenue	Vila street and Wigglesworth street	222.68 220.88 424.60	24-in. pipe, catch-basin drain, 18-in. pipe, catch-basin drain, 15-in. pipe, catch-basin drain,	Contract.
Wigglesworth street	Longwood ave. and Huntington ave.	445.71	10-in. pipe, catch-basin drain,	Contract.
Bellevue street	Brookline avenue and Bernier street	1,119.29 239.02 10.00	15-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain.	Contract.
Bernier and Plymouth streets	.....	666.45	12-in. pipe, catch-basin drain,	Contract.
Bellevue street	Bernier street and Austin street	403.00 310.20	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.
Huntington avenue	Smith street and Tremont street	450.00	3 feet, circular brick surface drain	Day labor.

Roxbury. — *Concluded.*

Surface Drains built between February 1, 1903, and February 1, 1904, under chapter 383 of the Acts of 1903.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Huntington avenue	Ward street and Smith street	192.17	15-in. pipe, catch-basin drain,	Contract.
		642.25	12-in. pipe, catch-basin drain,	
		8.00	10-in. pipe, catch-basin drain,	
Longwood avenue	Parker street and Phillips street	417.40	12-in. pipe, catch-basin drain,	Contract.
		209.00	10-in. pipe, catch-basin drain,	
Phillips street	Tremont street and Conant street	658.30	12-in. pipe, catch-basin drain,	Contract.
Hillside street	Parker Hill avenue and Sachem street	820.95	15-in. pipe, catch-basin drain,	Contract.
		362.74	12-in. pipe, catch-basin drain,	
		68.00	10-in. pipe, catch-basin drain,	
Batavia street	Hemenway street and St. Stephen street,	467.50	15-in. pipe, catch basin drain,	Contract.
		465.14	12-in. pipe, catch-basin drain,	
		69.00	10-in. pipe, catch-basin drain,	
Worthington street	Huntington avenue and Smith street	178.65	10-in. pipe, catch-basin drain,	Contract.
Haviland street	Hemenway st. and Massachusetts ave.	463.79	12-in. pipe, catch-basin drain,	Contract.
		6.00	10-in. pipe, catch-basin drain,	
Worthington street	Longwood ave. and Huntington ave.	221.96	10-in. pipe, catch-basin drain,	Contract.
Whitney street	Conant street and Smith street	257.54	12-in. pipe, catch-basin drain,	Contract.
		4.00	10-in. pipe, catch-basin drain,	
St. Alphonsus street	Tremont street and Calumet street	507.60	18-in. pipe, catch-basin drain,	Contract.
		251.25	15-in. pipe, catch-basin drain,	
		4.50	10-in. pipe, catch-basin drain,	
Evergreen street	Day street and 440 feet westerly	281.67	12-in. pipe, catch-basin drain,	Contract.
		155.91	10-in. pipe, catch-basin drain,	
Longwood avenue	Brookline avenue and Autumn street	358.20	15-in. pipe, catch-basin drain,	Contract.
		365.00	10-in. pipe, catch-basin drain,	
		.....	4 catch-basins	
Ward street	Parker street and 330 feet westerly	340.19	24-in. pipe, catch-basin drain,	Contract.
		23.00	10-in. pipe, catch-basin drain,	
Ward street	Phillips street and 280 feet easterly	284.50	24-in. pipe, catch-basin drain,	Contract.
		29.00	10-in. pipe, catch-basin drain,	
Smith street	Whitney street and Worthington street	255.59	3 feet, circular brick surface drain	Contract.
		52.00	10-in. pipe, catch-basin drain,	

Phillips st. and Longwood ave....	.....	19.30	18-in. pipe, catch-basin drain,	Contract.
		288.00	15-in. pipe, catch-basin drain,	
		41.00	12-in. pipe, catch-basin drain,	
		91.16	10-in. pipe, catch-basin drain,	
Parker Hill avenue	Huntington ave. and 750 ft. southerly...	354.35	18-in. pipe, catch-basin drain,	Contract.
		440.00	15-in. pipe, catch-basin drain,	
Smith st. and Huntington ave..	Worthington street and Wigglesworth street, across Wigglesworth street...	250.00	3 feet diameter, brick surface drain.....	Contract.
Wigglesworth street	Smith street and Tremont street	461.61	12-in. pipe, catch-basin drain,	Contract.
Ward street.....	Phillips street and Huntington avenue..	611.15	20-in. pipe, catch-basin drain,	Contract.
		22.50	15-in. pipe, catch-basin drain,	
		27.00	10-in. pipe, catch-basin drain,	
Faxon street.....	Smith street and Tremont street.....	391.20	12-in. pipe, catch-basin drain,	Contract.
Longwood avenue	Huntington avenue and 500 feet easterly,	140.62	10-in. pipe, catch-basin drain,	Contract.
Hemenway street.....	Westland avenue and Boylston street...	20.00	30 inches diameter, brick surface drain.....	Contract.
Kenwood road	Kempton street and Huntington avenue,	257.91	15-in. pipe, catch-basin drain,	Contract.
		298.91	12-in. pipe, catch-basin drain,	
Vila-street extension.....	Kempton street southwesterly.....	244.50	15-in. pipe, catch-basin drain,	Contract.
Worthington street	Smith street and Tremont street.....	463.44	12-in. pipe, catch-basin drain,	Contract.
Conant street.....	Parker street and Phillips street.....	590.65	12-in. pipe, catch-basin drain,	Contract.
		22.00	10-in. pipe, catch-basin drain,	
Conant street.....	St. Alphonsus street and Phillips street,	529.42	12-in. pipe, catch-basin drain,	Contract.
Astor street	Hemenway st. and Massachusetts ave...	504.00	15-in. pipe, catch-basin drain,	Contract.
		335.46	12-in. pipe, catch-basin drain,	
		131.00	10-in. pipe, catch-basin drain,	
Sunset street and Eldora street...	.....	871.80	12-in. pipe, catch-basin drain,	Contract.
		23.00	10-in. pipe, catch-basin drain,	
Phillips street.....	Longwood avenue and Conant street...	195.60	10-in. pipe, catch-basin drain,	Contract.
Oregon street	Conant street and Smith street.....	269.99	10-in. pipe, catch-basin drain,	Contract.
Longwood avenue.....	Vila street and Brookline avenue	274.60	15-in. pipe, catch-basin drain,	Contract.
		337.30	12-in. pipe, catch-basin drain,	
Bellevue street and Francis street,	Brookline avenue and Austin street.....	817.00	12-in. pipe, catch-basin drain,	Contract.
		40.00	10-in. pipe, catch-basin drain,	
Wait street.....	Huntington avenue and Hillside street..	700.00	10-in. pipe, catch-basin drain,	Contract.
		8.00	8-in. pipe, catch-basin drain,	
Autumn street	Longwood avenue and Park street.....	422.00	10-in. pipe, catch-basin drain,	Contract.
Parker Hill avenue	Huntington ave. and 750 feet southerly..	3.18	18-in. pipe, catch-basin drain,	Day labor.
		3.17	15-in. pipe, catch-basin drain,	

Sewers built between February 1, 1903, and February 1, 1904, by Private Parties.

Posen street.....	Arklow street and Ulmer street.....	426.50	12-inch pipe, sewer.....	Release.
Ulmer street.....	Arklow street and Walden street.....	605.00	12-inch pipe, sewer.....	

City Proper.

Sewers built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
South street	Kneeland street and Beach street	318.19	18-inch pipe, sewer	Day labor. Rebuilding.
Purchase street	At Gridley street	37.85 14.50	18-inch pipe, sewer 12-inch pipe, sewer	Day labor. Rebuilding.
Tyler street	Kneeland street and Beach street	193.21 25.86	30 in. × 36 in., brick sewer 18-inch pipe, sewer	Day labor. Rebuilding.
Hale st. (formerly Crescent pl.)	Green street, northerly	269.30	12-inch pipe, sewer	Contract.
Gainsborough street	Huntington ave. and N.Y., N.H. & H. R.R.	305.22	12-inch pipe, sewer	Contract.
Otter, Back and Hereford streets,	In Otter street	.....	18-inch pipe, house sewer	Day labor. Excavation only.
Norman street	North Margin street and Green street	28.00	12-inch pipe, house sewer	Day labor.
North street	Blackstone street and No. Centre street,	141.51	30 inches × 36 inches, brick, house sewer	Day labor. Rebuilding.
Albion street	Dover street and Compton street	336.53 29.70	12-inch pipe, house sewer 6-inch pipe, chimneys	Contract.
Albion street	Compton street and Castle street	470.86	12-inch pipe, sewer	Contract.
Village street	Dover street and Compton street	385.97 13.00	12-inch pipe, sewer 6-inch pipe, chimneys	Contract.
Court square, west side	Court street, southerly	127.00	12-inch pipe, sewer	Contract.
Hanover street	Cross street and Washington street	.....	Refill only	Contract. (*See* 1902.)
Fleet and North streets	Commercial street and Clark street	.....	Refill only	Day labor. (*See* 1902.)
Commercial street	At North Market street	.....	Refill only	Contract. (*See* 1902.)
Passageway, so. of Wellington st.	.....	305.17	15-inch pipe, house sewer	Day labor. Part rebuilt.
James street	E. Brookline st. and E. Newton st.	80.00	20-inch pipe, sewer	Day labor. Rebuilding.
Causeway street	Prospect street and Wall street	39.10	24-inch pipe, sewer	Contract.

Sewers built between February 1, 1903, and February 1, 1904, by the City, under chapter 323 of the Acts of 1891, as Amended by chapter 418 of the Acts of 1892, or Special Acts referring thereto.

Hale street extended to South Margin street	Crescent place and South Margin street,	160.69 22.00 198.00 18.00	12-inch pipe, sewer 8-inch pipe, house drain 6-inch pipe, house drain 10-in. pipe, catch-basin drain, 2 catch-basins	Contract.

Public alley 804	Off Camden street	139.20 168.50	12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain,	Contract.
Public alleys 13, 14, 15	Off Poplar street	92.00 6.00	10-in. pipe, catch-basin drain, 10-inch iron pipe, catch-basin drain	Contract.
Dilworth street	Camden street and Northampton street	174.81 122.50 158.00 52.00 235.80	18-inch pipe, sewer 12-inch pipe, sewer 6-inch pipe, house drain 10-inch pipe, surface drain 12-inch pipe, surface drain 4 catch-basins 3 manholes 1 tide-gate manhole	Day labor.

Surface Drains built between February 1, 1903, and February 1, 1904, by the City, either by Contract or Day Labor.

Tyler street	Kneeland street and Beach street	27.00	10-in. pipe, catch-basin drain,	Day labor.
Hale street (formerly Crescent place)	.....	26.00	10-in. pipe, catch-basin drain, 2 catch-basins	Contract.
Gainsborough street	Huntington avenue and N.Y., N.H. & H. R.R.	82.02	10-in. pipe, catch-basin drain, 4 catch-basins 1 drop inlet	Contract.
Carleton street	Yarmouth street and W. Newton street	268.80 99.29	10-in. pipe, catch-basin drain, 10-in. iron pipe, catch-basin drain	Special Act, 1900, chapter 139. Contract.

Sewers built between February 1, 1903, and February 1, 1904, by Private Parties.

Eliot school yard	North Bennet street and Tileston street	128.79	12-inch pipe, sewer	Schoolhouse Department. Release.
State street	India street and Washington street	55.50 83.00 14.00	2 feet 2 inches × 3 feet 3 inches concrete sewer 15-inch pipe, sewer 12-inch pipe, sewer 8 catch-basins	Transit Commissioners. Rebuilding. Six catch-basins removed.
Court street	Washington street and Tremont street	488.00 262.00	15-inch pipe, sewer 12-inch pipe, sewer 3 catch-basins 6 manholes	Transit Commissioners. Rebuilding.

South Boston.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality. Built in	Locality. Between	Length in Feet.	Dimensions and Materials.	Remarks.
A street	West First street and Congress street	319.00	24-inch pipe	Day labor. Rebuilding separate systems of drainage.
Columbia road	Board of Survey street No. 1746 and Preble street	410.63	4 ft. 6 in. × 4 ft. 9½ in., brick	Day labor. (Chapter 323.)
		235.50	4 ft. × 4 ft. 2¾ in., brick	
		271.44	3 ft. × 3 ft. 2 in., brick, including tide-gate chamber	
		210.61	2 ft. 6 in. × 2 ft. 7¾ in., brick	
		50.38	24-inch pipe	
		37.20	18-inch pipe	
		156.69	12-inch pipe	
D street	Dorchester avenue and Seventh street	945.10	3 ft. 6 in. × 3 ft. 8½ in., brick	Day labor. Rebuilding sewerage works.
		24.00	24-inch pipe	
		37.70	15-inch pipe	
Dorchester street	Dorchester ave. and East Eighth st.	63.57	18-inch pipe	Day labor. Dorchester street, special draft.
		171.73	15-inch pipe	
		170.00	12-inch pipe	
		18.57	10-inch pipe	
Dorchester street	Dorchester ave. and East Eighth st.	745.99	12-inch pipe	Contract. Dorchester street, special draft.
Kemp-street outlet for Columbia road	Columbia road and Washington avenue,	527.17	15-inch pipe, sewer	Day labor. Sewerage works.
Vale-street outlet	Columbia road and tide-water	217.00	6 feet 6 inches, brick	Day labor. Rebuilding sewerage works.

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Built in	Between	Length in Feet.	Dimensions and Materials.	Remarks.
A street	West First street and Congress street	160.00	4 feet 6 inches	Day labor. Separate systems of drainage.
		79.00	4 feet	
Columbia road	Street No. 1746 to Preble street	14.68	10-inch pipe	Day labor. (Chapter 323.)
		53.00	12-inch pipe	
		35.24	15-inch pipe	

Dorchester street	Dorchester ave. and East Eighth st.	10.00	10-in. pipe, catch-basin drain,	Day labor. Dorchester street, special draft.
		.....	1 catch-basin	
Dorchester street	Dorchester ave. and East Eighth st.	223.00	10-in. pipe, catch-basin drain,	Contract. Dorchester street, special draft.
		.....	14 catch-basins	
		.....	6 drop inlets	

Sewers Rebuilt or Abandoned between February 1, 1904, and February 1, 1905.

A street	West First street and Congress street	319.00	2 feet × 2 feet, brick	Rebuilt.
Columbia road	Street No. 1746 and Preble street	59.60	15-inch pipe	Abandoned.
D street	Dorchester avenue and Seventh street	945.10	30 inches × 36 inches and 20 inches × 24 inches, brick	Rebuilding.
		24.00	30 inches × 36 inches, brick	
Dorchester street	Dorchester ave. and East Eighth st.	52.50	16 inches × 24 inches, brick	Abandoned.
		62.00	12-inch pipe	Removed.
		187.00	12-inch pipe	Abandoned.
Vale street	Columbia road and tide-water	217.00	3 ft. × 3 ft. 8 in., wood	Rebuilt.
Columbia road	Street No. 1746 and Preble street	88.77	2 ft. 4 in. × 3 ft., wood	Abandoned.
		205.20	2 feet × 3 feet, brick	

East Boston.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Addison street	Metropolitan pumping station and Kneller street (East Boston low level)	1,172.88	3 feet 3 inches × 4 feet 6 inches, brick	Contract. Construction of highways.
Bennington street (East Boston high level sewer)	Saratoga street and Leyden street	65.26	24-inch pipe	Day labor. Construction of highways.
Bennington street	Prescott street and Bremen street	129.59	12-inch pipe	Contract. Construction of highways.
		224.00	10-in. pipe, catch-basin drain,	
Frankfort street	Prescott street to Parkway	1,129.59	15-inch pipe	Day labor. Sewerage works.
Kneller street	Addison street and Trumbull street	240.00	3 feet × 4 feet 6 inches, brick,	Day labor. Separate systems of drainage.
Marion street	Bremen street and Orleans street	24.00	24-inch pipe	Contract. Sewerage works.
Prescott street	Frankfort street and Cleveland street	284.00	18-inch pipe	Day labor. Sewerage works.
Prescott street	Bremen street and Frankfort street	415.16	24-inch pipe 20-inch pipe	Day labor. Sewerage works.

East Boston. — *Concluded.*

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Private land (East Boston low level sewer)	Bennington street and Butler avenue	258.69	3 feet, circular brick	Contract. Construction of highways.
Private land	Border street and tide-water (Lexington street overflow)	243.73 19.90	3 feet, circular wood 3 feet, circular brick	Day labor. Sewerage works.

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Bennington street	South side Saratoga st. and Ashley ave.	999.24	12-inch pipe	Contract. Construction of highways.
Gladstone street	Walley street and Selma street	213.26	15-inch pipe	Contract. Separate systems of drainage.
Private land across B. & M. R. R. about 1,300 feet north of Addison street		72.30	5 feet × 5 feet, brick	Contract. Sewerage works.

Sewers built between February 1, 1904, and February 1, 1905, by Private Parties.

Frankfort street	Existing sewer and 270 feet east	265.32	12-inch pipe.	

Charlestown.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Chelsea street	Bunker Hill street and 160 feet north	154.30	3 ft. × 3 feet 2½ inches, brick,	Day labor. Sewerage works.
Vine street	Chelsea street and Bunker Hill street	634.60	15-inch pipe	Day labor. Separate systems of drainage.
		100.00	12-inch pipe	
Rutherford avenue overflow	Near Dunstable street	267.30	6 feet × 7 feet, concrete	Day labor. Sewerage works.
		9.60	5 feet, circular brick	
		43.00	7 feet × 7 feet, brick	
Warren avenue at Front street	Connection with Metropolitan sewer	43.00	12-inch pipe	Day labor. Sewerage works.
		16.00	2 feet 6 inches × 3 feet, brick,	
		.....	Overflow manhole	
		.....	Tide-gate manhole	

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Front street	Existing sewer and Warren avenue	363.03	12-inch pipe	Contract. Sewerage works.

Brighton.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Brooks street	Metropolitan sewer and Parkman st	518.99	12-inch pipe	Day labor. Separate systems of drainage.
Cummings road	350 feet east of Commonwealth avenue and 250 feet easterly	248.85	10-inch pipe	Day labor. Sewerage works.
Jackson avenue	Academy Hill road and 250 feet east	212.00	12-inch pipe	Contract. Sewerage works.
Parkman street	Brooks street and 250 feet northwest	311.78	12-inch pipe	Day labor. Separate systems of drainage.
Stratton street	Bigelow street and Atkins street	476.83	12-inch pipe	Contract. Sewerage works.
Allston place	Corey road and Woodstock avenue	25.00	12-inch pipe	Day labor. Sewerage works.

Brighton. — *Concluded.*

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Brooks street	Parkman street and B. & A. R.R.	347.64	12-inch pipe	Day labor. Separate systems of drainage.
Dunboy street	Bigelow street and Hardwick street	175.65	12-inch pipe	Day labor. Separate systems of drainage.
Foster street	Rogers park and Mt. Vernon street	330.58	15-inch pipe	Day labor. Separate systems of drainage.
Hardwick street	Bigelow street and Dunboy street	746.40	12-inch pipe	Contract. Separate systems of drainage.
Nonantum street	Oak square and Newton line	761.35 663.34 201.60 433.35	24-inch pipe 18-inch pipe 15-inch pipe 12-inch pipe	Contract. Separate systems of drainage.
Newton street	335 feet northwest of Brooks street and Charlesview street	4.42 267.60	20-inch pipe 18-inch pipe	Contract. Separate systems of drainage.
Newton street	Brooks street and 325 feet west	335.20	12-inch pipe	Contract. Separate systems of drainage.
Private land	Parkman street and Newton street	303.73	20-inch pipe	Day labor. Separate systems of drainage.
Private land	Shepard street and Shannon street	159.87 8.63	24-inch pipe 12-inch pipe	Day labor. Separate systems of drainage.

Sewers built between February 1, 1904, and February 1, 1905, by Private Parties.

Holton street	Brooks street and 200 feet east	199.75	10-inch pipe.	

West Roxbury.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Abbott street	Willow street and 190 feet east	190.60	12-inch pipe	Contract. Sewerage works.
Arborway (traffic road)	Custer street and 571 feet south	556.85	12-inch pipe	Contract. Sewerage works.
Birch street	Albano street and Dudley avenue	285.00	12-inch pipe	Contract. Sewerage works.
		99.51	12-inch pipe	Day labor.
Belgrade avenue (Section 1)	Corinth street and Aldrich street	3,969.41	10-inch pipe	Contract. Highways, Making of.
		184.28	15-inch pipe, surface drain	
		4,244.05	12-inch pipe, surface drain	
		201.41	10-inch pipe, surface drain	
		39.50	7 feet × 4 feet, brick and stone culvert	
		84.03	6 feet 6 inches × 5 feet, concrete culvert	
Belgrade avenue (Section 2)	Aldrich street and Anawan avenue	750.44	18-inch pipe, surface drain	Day labor. Separate systems of drainage.
		500.70	15-inch pipe, surface drain	
		68.50	12-inch pipe, surface drain	
Beech street	100 feet northwest of Kittredge street and 360 feet southeast of Kittredge st.	359.41	12-inch pipe	Contract. Sewerage works.
Dudley avenue	Fresno street and Bellevue avenue	633.91	12-inch pipe	Contract. Sewerage works.
Hyde Park avenue (Section 1)	Walk Hill street and Larch place	767.30	12-inch pipe	Contract. Highways, Making of.
		903.89	30-inch pipe, surface drain	
		1,235.25	18-inch pipe, surface drain	
		1,691.86	15-inch pipe, surface drain	
		4,047.69	12-inch pipe, surface drain	
		228.00	10-in. pipe, catch-basin drain	
		1,970.75	6-inch pipe, house drains	
		28.78	4 feet 6 inches × 5 feet, brick conduit	
Hyde Park avenue (Section 2)	Larch place and Ashland street	3,962.00	12-inch pipe	Day labor. Highways, Making of.
		1,690.00	15-inch pipe, surface drain	
		3,070.00	12-inch pipe, surface drain	
Houston, Metcalf and Penfield sts.	Roslindale main sewer, Belgrade ave.	278.94	12-inch pipe	Contract. Sewerage works.
La Grange street	Centre street and Landseer street	1,049.42	12 inch pipe	Day labor. Sewerage works.
Landseer street	La Grange st., and 580 feet northeast	581.15	12-inch pipe	Day labor. Sewerage works.
Montello street	Belgrade avenue and Colberg avenue	835.33	12-inch pipe	Contract. Sewerage works.
Mozart street	Walter street and 185 feet west	184.76	10-inch pipe	Contract. Sewerage works.
Penfield street	Birch and Linden streets	298.00	12 inch pipe	Contract. Sewerage works.

West Roxbury. — *Concluded.*

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Private land	Rowe street and Seymour street	327.62	12-inch pipe	Contract. Highways, making of.
Private land	Hyde Park avenue and Rowe street	323.00	12-inch pipe	Day labor. Separate systems of drainage.
Rowe street	Ashland street and Seymour street	421.78 187.50 225.42 25.45 618.47	12-inch pipe 15-inch pipe, surface drain 12-inch pipe, surface drain 10-in. pipe, catch-basin drain, 6-inch pipe, house drain	Contract. Highways, Making of.
Seymour street	Canterbury street and Brown avenue	700.55 24.00 720.10 86.37 1,460.04	12-inch pipe 18-in. pipe, catch-basin drain, 12-in. pipe, catch-basin drain, 10-in. pipe, catch-basin drain, 6-inch house drains	Contract. Highways, Making of.
Talbot avenue (Section 1)	Ashland street and Mt. Hope street	1,444.66	4 feet 3 inches, circular brick,	Contract. Separate systems of drainage.
Talbot avenue (Section 2)	Mt. Hope street and Canterbury street	1,951.59	4 feet 3 inches, circular brick,	Contract. Separate systems of drainage.
Talbot avenue (Section 3)	Canterbury street and Walk Hill street	1,067.75	4 feet 3 inches, circular brick,	Contract. Separate systems of drainage.
Talbot avenue (Section 4)	Walk Hill street and 1825 feet east	1,825.00	4 feet 3 inches, circular brick,	Contract. Separate systems of drainage.

Surface drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Ashland street	Washington and Florence streets	655.05	12-inch pipe	Contract. Separate systems of drainage.
Corey street	Vermont street and 100 feet southerly	99.75	18-inch pipe	Contract. Sewerage works.
Glen road	250 feet east from Washington street and Forest Hills street	20.00	18-inch pipe	Contract. Sewerage works.

Hadwin way, Hyde Park avenue and private land	Stony brook and Ashland street	1,037.23	3 feet, circular brick	Day labor. Separate systems of drainage.
Kittredge street	Sycamore and Whitford streets	441.85	12-inch pipe	Contract. Separate systems of drainage.
Linnet street	La Grange street and 240 feet south east of Bellevue street	695.31	18-inch pipe	Contract. Separate systems of drainage.
La Grange street	Landseer and Linnet streets	99.47	18-inch pipe	Contract. Separate systems of drainage.
Park street	Anawan avenue and Oriole street	567.00	12-inch pipe	Contract. Separate systems of drainage.
Private land	Rowe street and Seymour street	290.88	18-inch pipe	Contract. Highways, Making of.
Spring-street brook (in Powell and Summer streets)		313.51 16.00	5 feet, circular concrete 18-inch pipe, surface drain	Contract. Sewerage works.
Walk Hill street	Washington st. and Hyde Park ave.	323.67 35.44	30-inch pipe 12-inch pipe	Day labor. Separate systems of drainage.
Washington street	Auburn street to Beech street	140.00	24-inch pipe	Day labor. Separate systems of drainage.

Sewers built between February 1, 1904, and February 1, 1905, by Private Parties.

Edgemont street	South street and Bradford terrace	439.71	12-inch pipe	
St. Rose street	Arborway traffic road and easterly	649.02	10-inch pipe	

Dorchester.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Buttonwood court	Moseley street and Buttonwood street	187.68	12-inch pipe	Day labor. Sewerage works.
Clapp place	Roseclair street and existing sewer	257.15	12-inch pipe	Contract. Sewerage works.
Field court	Willow court and end of Field court	213.00	12-inch pipe	Contract. Sewerage works.
Geneva avenue	Wilder street and Columbia road	14.00	12-inch pipe	Day labor. Rebuilt. Sewerage works.
Highland street	East street and Church street	767.50	12-inch pipe	Contract. Sewerage works. 780.49 cubic yards of rock.
Normandy street and private land	Devon street and Wilder street	166.48 12.00	12-inch pipe 12-inch iron pipe	Contract. Separate systems of drainage.
Willow court	Existing sewer in Willow court and Field court	317.90	15-inch pipe	Contract. Sewerage works.

Dorchester. — *Concluded.*

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Bowdoin avenue	Bowdoin street and Bullard street	48.75	linear feet, 15-inch pipe	Contract. Separate systems of drainage.
		600.30	12-inch pipe	
		37.00	10-in. pipe, catch-basin drain,	
Bradshaw street	At McLellan street	8.00	12-inch pipe	Day labor. Separate systems of drainage.
Esmond street	Bradshaw street and Blue Hill avenue	364.20	15-inch pipe	Contract. Separate systems of drainage.
		547.90	12-inch pipe	
		40.00	10-in. pipe, catch-basin drain,	
Freeport street brook	Tide water to Bowdoin street	16.16	4 feet 6 inches circular brick,	Day labor. Sewerage works. 181.99 built in 1904 and 1905, but not showing on account of excess of preceding year.
Harvard street	Esmond street and railroad bridge	165.46	20-inch pipe	Contract. Separate systems of drainage.
		100.75	18-inch pipe	
		252.30	15-inch pipe	
		268.15	12-inch pipe	
		114.00	10-in. pipe, catch-basin drain,	
Kingsdale street	Warner street and Standish street	195.45	12-inch pipe	Contract. Separate systems of drainage.
		7.00	10-inch pipe	
Normandy street and private land	Devon street and Wilder street	740.59	3 feet 6 inches, brick	Contract. Separate systems of drainage.
		137.49	2 feet 6 inches, brick	
		520.03	24-inch pipe	
		82.00	12-inch pipe	
Nottingham street	Bowdoin avenue, Bullard street	40.50	10-inch pipe	Contract. Separate systems of drainage.
Park street	Merlin street and Washington street	372.45	18-inch pipe	Contract. Separate systems of drainage.
		374.35	15-inch pipe	
		25.00	10-in. pipe, catch-basin drain.	
Thane street	Park street and Harvard street	234.35	2 feet 6 inches, brick	Contract. Separate systems of drainage.
		278.20	24-inch pipe	
		19.00	10-in. pipe, catch-basin drain,	
Washington street	Bowdoin street and Faxon street	10.00	10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Washington street	Columbia road and Erie street	419.00	20-inch pipe	Contract. Separate systems of drainage.
		314.40	18-inch pipe	
		269.90	12-inch pipe	
		55.00	10-in. pipe, catch-basin drain,	

Sewers rebuilt or abandoned between February 1, 1904, and February 1, 1905.

Clapp place	Roseclair street and existing sewer	28.00	10-inch pipe	Rebuilding.
Geneva avenue	Wilder street and Columbia road	14.00	12-inch pipe	Rebuilding.
Normandy st. and private land	Devon street and Wilder street	32.00	12-inch pipe	Rebuilding.
		12.50	3 feet 6 inches, brick	Abandoned.
Kingsdale street	Standish street to end of street	15.90	10-inch pipe	Abandoned.

South Dorchester.

Sewers built between February 1, 1904, and February 1, 1905, by the City, by Contract or Day Labor.

Bearse street	Medway street and 350 feet southeasterly to summit	354.84	12-inch pipe	Contract. Some rock.
Coffey street	Neponset avenue and Newhall street	183.00	15-inch pipe	Day labor. Rebuilding.
Dorchester high level sewer	Hyde Park line and Mattapan square, Section No. 1	1,522.72	4 ft. 9 in., circular brick sewer	Contract. Considerable rock.
Dorchester high level sewer	Mattapan square and Fremont street, Section No. 2	1,100.00	4 ft. 9 in., circular brick sewer	Contract. Considerable rock.
Englewood street	Hillsdale street and Parkview street	400.05	12-inch pipe	Contract. Rock.
Flint street	Norfolk street and Astoria street	309.77	12-inch pipe	Contract. Some rock.
Greenock street	Blue Hill avenue and Harvard street	500.25	12-inch pipe	Contract.
Hillsdale street	Codman street and Richview street	809.21	12-inch pipe	Contract. Some rock.
Hillsdale street	Adams st. and about 442 feet northerly	490.10	12-inch pipe	Contract. Considerable rock.
Lucerne street	Harvest street and Morton street	149.00	12-inch pipe	Day labor. Rock.
Medway street	Vose street and Bearse street	226.10	18-inch pipe	Contract. Considerable rock.
Oakland brook	N.Y., N.H. & H. R.R. and Bismarck st.	865.00	18-inch pipe	Day labor. Some rock.
Private land	Metropolitan sewer and Butler street	172.87	18-inch pipe	Contract.
Richmond street	Dorchester ave. and Washington st.	100.00	12-inch pipe	Contract. Considerable rock.
Richview street	Hillsdale street and Parkview street	517.86	12-pipe pipe	Contract. Considerable rock.
Rockville street	Oakland street and Blue Hill avenue	880.33	12-inch pipe	Contract. Rock.
Talbot avenue high level sewer	Harvard street and Don street	.....	4 feet 3 inches, circular brick,	Day labor. Just started.
Vose street	Butler street and Medway street	564.11	18-inch pipe	Contract. Considerable rock.
Woodlawn avenue	West Selden street and Delhi street	63.85	12-inch pipe	Day labor. Rock.
Woolson street	Existing sewer and Norfolk street	475.00	12-inch pipe	Contract. Considerable rock.
		343.60	12-inch pipe	Day labor. Considerable rock.

South Dorchester. — *Concluded.*

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Adams street	Richmond street and Butler street	582.38	15-inch pipe	Contract. Some rock.
		99.55	12-inch pipe	
Ashmont street	Bushnell street and Arundel park	799.80	12-inch pipe	Contract.
Bailey street	Dorchester ave. and Washington st.	950.45	12-inch pipe	Contract.
Beaumont street	Carruth street and easterly to summit	712.53	12-inch pipe	Contract.
Butler street	Adams street and Richmond street	540.11	15-inch pipe	Contract. Some rock.
Canterbury branch of Stony brook	Harvard street and Don street	.....	.....	Day labor. Just started.
Canterbury branch of Stony brook.	Lauriat avenue and Morton street	711.00	3 ft. 6 in., circ. brick conduit	Day labor. Rock.
Carruth street	Weyanoke street and Ashmont street	737.40	18-inch pipe	Contract.
		486.34	15-inch pipe	
		169.80	12-inch pipe	
		6.00	6-in. pipe, house drain lowered	
Davenport brook, in Armandine street	Washington st. and 500 feet westerly	496.00	3 feet circular brick conduit	Day labor. Rock.
Evans street	Morton street and Nelson street	252.75	15-inch pipe	Contract. Rock.
		376.40	12-inch pipe	
		68.00	6-in. pipe, house drain lowered	
Fuller street	Dorchester ave. and Washington st.	1,349.60	12-inch pipe	Contract.
		20.00	6-in. pipe, house drain lowered	
Hopkins street	Evans street and Corbet street	508.80	15-inch pipe	Contract. Rock.
		45.00	6-in. pipe, house drain lowered	
Monson street	Sturbridge street and Temple street	529.55	12-inch pipe	Contract.
Mountain avenue	Lauriat ave. and about 500 ft. southerly,	497.90	10-inch pipe	Contract. Rock.
		24.00	6-in. pipe, house drain lowered	
Mountain avenue	Ballou ave. and northerly to summit	375.40	10-inch pipe	Contract. Rock.
Nelson street	Norfolk street and Evans street	279.17	12-inch pipe	Contract. Rock.
Oakland brook	N.Y., N.H. & H. R.R. and Bismarck st.	100.00	8 feet 6 inches × 5 feet 3 inches, brick conduit	Day labor. Some rock.
		923.00	5 feet 9 inches, circular brick conduit	

Richmond street	Adams street and Dorchester avenue	250.00 1,279.25 54.00	15-inch pipe 12-inch pipe 6-in. pipe, house drain lowered	Contract. Rock.
River street	Sturbridge street and Idaho street	661.40	12-inch pipe	Contract. Rock.
Rowena street	Bushnell street and Carruth street	380.00 16.00	12-inch pipe 6-in. pipe, house drain lowered	Contract.

Sewers built between February 1, 1904, and February 1, 1905, by Private Parties.

Fabyan street	Blue Hill avenue and Harvard street	459.95	12-inch pipe.	

Roxbury.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Bower street	Sherman street and Humboldt avenue	536.80	12-inch pipe	Contract. Separate systems of drainage.
Crawford street and outlet in Elm Hill avenue	Warren street and Walnut avenue	293.50	12-inch pipe	Contract. Separate systems of drainage.
Edgewood street	Blue Hill avenue and Southwood street	604.40	12-inch pipe	Contract. Sewerage works.
Hammond street	Sussex street and Westminster street	200.00	18-inch pipe	Day labor, in progress. Sewerage works.
Hammond street	Tremont street and Sussex street	383.05	18-inch pipe	Contract. Sewerage works.
Hammond street	Tremont street and Sussex street	46.90	18-inch pipe 1 tide-gate and manhole	Day labor. Sewerage work.
Harrishof street	Walnut avenue and Humboldt avenue	216.35	12-inch pipe	Contract. Separate systems of drainage.
Maywoods brook in Hampshire street and Ruggles street	Whittier street and Shawmut avenue	69.86 236.91 257.12 16.74 17.50	2 feet × 3 feet, brick 24-inch pipe 18-inch pipe 16-inch pipe, iron 12-inch pipe	Day labor. Separate systems of drainage. Rebuilt.
Mills street	Rockland street and Dale street	349.40	12-inch pipe	Contract. Separate systems of drainage.
Stony brook valley sewer	Near Amory street	31.00	5 feet × 4 feet, brick	Day labor. Sewerage works. Rebuilding.
Wyoming street	Wabeno street and Humboldt avenue	242.00	12-inch pipe	Contract. Separate systems of drainage.

Roxbury. — *Continued.*

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Bower street	Sherman street and Humboldt avenue	186.20	12-inch pipe	Contract. Separate systems of drainage.
Clifford street	Warren street and Blue Hill avenue	595.05 39.00	12-inch pipe 10-in pipe, catch-basin drain,	Contract. Separate systems of drainage.
Clifford street	Existing drain and Blue Hill avenue	548.00	12-inch pipe	Contract. Separate systems of drainage.
Crawford street and outlet in Elm Hill avenue	Warren street and Walnut avenue	643.35 1,121.75 1,088.95 1,261.55 117.00	20-inch pipe 18-inch pipe 15-inch pipe 12-inch pipe 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Edgewood street	Blue Hill avenue and Warren street	1,086.35	12-in. pipe	Contract. Separate systems of drainage.
Fenno street	Rockland street and Buena Vista street	374.30	12-in. pipe	Contract. Separate systems of drainage.
Gannett street	Gaston street and Holborn street	32.25 28.00	18-inch pipe 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Gaston street	Blue Hill avenue and Gannett street	0.65	24-inch pipe	Contract. Separate systems of drainage.
Harrishof street	Walnut avenue and Humboldt avenue	375.00 828 00 25.00	15-inch pipe 12-inch pipe 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Holborn street	Blue Hill avenue, westerly	344.77	12-inch pipe	Day labor. Separate systems of drainage.
Holborn street	Blue Hill avenue and Warren street	261.00 46.00	12-inch pipe 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Howland street	Elm Hill avenue and Humboldt avenue,	434.20 339.60 302.50 10.00	18-inch pipe 15-inch pipe 12-inch pipe 10-in. pipe, catch-basin drain.	Contract. Separate systems of drainage.
Humboldt avenue	Brookledge street and Seaver street	189.95 31.85	18-inch pipe 15-inch pipe	Contract. Separate systems of drainage.
Kensington street	Kingsbury street and Elmore street	399.60	12-inch pipe	Contract. Separate systems of drainage.

Mayfair street	Elmore street and Bainbridge street	528.35	12-inch pipe	Contract. Separate systems of drainage.
Maywoods brook in Hampshire street and Ruggles street	Whittier street and Shawmut avenue	620.82	11 feet × 7 feet 6 inches, brick surface drain	Day labor. Separate systems of drainage.
		45.00	2 feet 6 inches, brick surface drain	
		144.00	10-in. pipe, catch-basin drain, all but 10 feet rebuilt	
		45.00	15-inch pipe, surface drain	
Maywood street	Blue Hill avenue and Warren street	1,253.20	12-inch pipe	Contract. Separate systems of drainage.
		65.00	10-in. pipe, catch-basin drain	
Rockland avenue	Dale street and Rockland street	19.35	18-inch pipe	Contract. Separate systems of drainage.
		7.00	12-inch pipe	
Savin street	Blue Hill avenue and Warren street	346.00	18-inch pipe	Contract. Separate systems of drainage.
		893.13	12-inch pipe	
		51.00	10-inch pipe	
Wabon street	Warren street and Wabeno street	60.50	12-inch pipe	Contract. Separate systems of drainage.
		12.00	10 in. pipe, catch-basin drain	
Westminster avenue	Washington street and Walnut avenue	166.25	15-inch pipe	Contract. Separate systems of drainage.
		691.35	12-inch pipe	
		10.00	10-in. pipe, catch-basin drain	
Woodbine street	Blue Hill avenue and Warren street	1,037.08	12-inch pipe	Contract. Separate systems of drainage.
Wyoming street	Wabeno street and Humboldt avenue	244.80	12-inch pipe	Contract. Separate systems of drainage.

Sewers Rebuilt or Abandoned between February 1, 1904, and February 1, 1905.

Mills street	Rockland street and Dale street	140.00	12-inch pipe, sewer	Rebuilding. Old sewer to become future surface drain.
Stony brook valley sewer	Near Amory street	31.00	2 16-inch iron pipes	Rebuilding.
Homestead street	Walnut avenue and Humboldt avenue	35.00	15-inch pipe	Abandoned.
Maywoods brook in Hampshire street and Ruggles street	Whittier street to Shawmut avenue	671.82	36 in. × 33 in., brick sewer	Rebuilt.
		17.50	12-inch pipe, sewer	
		134.00	10-in. pipe, catch-basin drain,	
		14.00	12-inch pipe, sewer	Abandoned.
		45.00	15-inch pipe, sewer	
Crawford street and outlet in Elm Hill avenue	Warren street to Walnut avenue	285.00	12-inch pipe, sewer	Abandoned.

Roxbury. — *Concluded.*

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Hemenway street	Westland avenue and Boylston street	20.00 34.00 36.00	20-inch iron pipe, sewer 12-inch pipe, sewer 6-inch and 8-inch pipe, old drain relaid	Contract. Separate systems of drainage. Relaid. Carried over from 1903.
Fisher avenue	Parker street and Bucknam street	64.39	12-inch pipe, sewer	Day labor. Carried over from 1903. Sewerage works.
St. Alphonsus street	Ward street and Smith street	26.00	6-inch pipe, old house drain relaid	Contract. Separate systems of drainage.
Francis street	Huntington avenue and Vila street	35.00	6-inch pipe, old house drain relaid	Contract. Separate systems of drainage.
Sachem street	Calumet street and Hillside street	5.00	6-inch pipe, old house drain relaid	Contract. Separate systems of drainage.

Surface Drains built between February 1, 1904, and February 1, 1905, by the City either by Contract or Day Labor.

Hemenway street	Westland avenue and Boylston street	522.23 325.50 72.60 132.00	30-inch circular brick, surface drain 18-inch pipe 12-inch pipe, surface drain 6-inch and 10-inch pipe, chimneys	Contract. Separate systems of drainage. Carried over from 1903.
St. Alphonsus street	Ward street and Smith street	680.24 59.00	12-inch pipe, surface drain 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Francis street	Huntington avenue and Vila street	998.60 6.00 28.00	12-inch pipe, surface drain 12-inch iron pipe, surface drain 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Westland avenue	Hemenway st. and Massachusetts ave.	190.71 954.06 953.84 35.00 24.00	18-inch pipe, surface drain 15-inch pipe, surface drain 12-inch pipe, surface drain 10-inch pipe, old catch-basin drain relaid 6-inch pipe, chimneys	Contract. Separate systems of drainage.

Camden street	Columbus avenue and Watson street	294.56 28.00	12-inch pipe, surface drain.. 10-in. pipe, catch-basin drain, 2 catch-basins	Contract. Sewerage works.
Creighton street	Day street and Centre street	315.74 279.80 297.44	18-inch pipe, surface drain.. 12-inch pipe, surface drain.. 10-inch pipe, surface drain..	Contract. Separate systems of drainage.
Huntington avenue	Bryant street and Gainsborough street	885.80 761.77 824.20 35.00	18-inch pipe, surface drain.. 15-inch pipe, surface drain.. 12-inch pipe, surface drain.. 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
St. Alphonsus street	Tremont street and Calumet street	103.00	10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage. Carried over from 1903. Ledge.
Calumet street	Tremont street and St. Alphonsus street,	613.25 850.96	15-inch pipe, surface drain.. 12-inch pipe, surface drain..	Contract. Separate systems of drainage. Ledge.
Calumet st. and Hillside st	St. Alphonsus street and Sachem street,	233.93 671.78 16.00	15-inch pipe, surface drain... 12-inch pipe, surface drain... 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage. Part ledge.
Norway street	Hemenway st. and Massachusetts ave...	737.80 115.00	24-inch pipe, surface drain... 6-inch and 10-inch pipe, chimneys	Contract. Separate systems of drainage.
Conant street	St. Alphonsus st. and Huntington ave...	214.97 129.87	12-inch pipe, surface drain... 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Parker Hill avenue	Angle in street and 1,130 feet east	298.58 829.57 18.00	15-inch pipe, surface drain... 12-inch pipe, surface drain... 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Huntington avenue	Wigglesworth street and Tremont street,	89.30	30 inches, circular brick, surface drain	Day labor. Separate systems of drainage. Carried over from 1903.
Day street	Minden street and Perkins street	438.63 397.72 691 22 177.00	24-inch pipe, surface drain.. 15-inch pipe, surface drain.. 12-inch pipe, surface drain.. 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.
Sachem street	Calumet street and Hillside street	328.37 8.00	12-in. pipe, surface drain..... 10-in. pipe, catch-basin drain,	Contract. Separate systems of drainage.

City Proper.

Sewers built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Locality.		Length in Feet.	Dimensions and Materials.	Remarks.
Built in	Between			
Barton court	Brighton street and Barton street	146.60 81.00	24-inch pipe, sewer Old house drain, relaid	Contract. Rebuilding. Sewerage works.
Public alley 303	Pinckney street, southerly	80.16 13.00 6.00 11.00	12-inch pipe, sewer 8-inch pipe, sewer 8-inch iron pipe, sewer 6-inch pipe, old house drain, relaid	Contract. Highways, Making of.
Charles street	Revere st. and a point 230 ft. northerly	225.62	12-inch pipe, sewer	Day labor. Rebuilding. Sewerage works.
Hull street	Commercial street and Snow Hill street,	268.79	12-inch pipe, sewer	Day labor. Rebuilding. Sewerage works.
Harrison ave. and Knapp st	Kneeland street and angle	281.38	18-inch pipe, sewer	Day labor. Rebuilding. Sewerage works.
Village street	Compton street and Castle street	432.37	12-inch pipe, sewer	Contract. Sewerage works.
Harrison avenue	Oak street and Maple place	189.76	24-inch pipe, sewer	Day labor. Rebuilding. Sewerage works.
Chambers street outlet	Charles street and Charles river	199.04	2 feet 6 inches × 3 feet, wood,	Day labor. Sewerage works.
Fruit-street outlet	Charles street and Charles river	216.78	2 feet 6 inches × 3 feet, wood,	Day labor. Sewerage works.
Hayward place	Washington st. and Harrison ave	98.25	12-inch pipe, sewer	Day labor. Rebuilding. First time. Private parties.
Court square, west side	Court street, southerly	132.69	12-inch pipe, sewer	Contract. Carried on from 1903. Sewerage works.
Providence street	Berkeley street and 250 feet easterly	246.60	12-inch pipe, sewer	Day labor. Rebuilding. Sewerage works.
Chambers street	Chambers court and 60 feet northerly	58.42	12-inch pipe, sewer	Day labor. Sewerage works.
Back street	Otter street and Hereford street	4,132.79 12.00 226.60	18-inch pipe, sewer 20-inch iron pipe, sewer 12-inch pipe, sewer	Day labor. Charles river basin and sewerage works.
Lovering place	Washington street and Harrison avenue,	302.73	12-inch pipe, sewer	Day labor. Rebuilding. Sewerage works.
East Canton street	Albany street and Harrison avenue	422.47	18-inch pipe, sewer	Contract. Rebuilding. Sewerage works.
Hayward place	Washington street and Harrison avenue,	93.00	12-inch pipe, sewer	Day labor. Second Rebuilding.

Surface Drains built between February 1, 1904, and February 1, 1905, by the City, either by Contract or Day Labor.

Public alley 303	Pinckney street, southerly.	6.00	10 in. pipe, catch-basin drain, 2 catch-basins	Contract. Highways, Making of.
Follen street	St. Botolph street and railroad	64.55 26.10	12-inch pipe, surface drain... 10-in. pipe, catch-basin drain, 2 catch-basins	Contract. Sewerage works.
Back street	Otter street and Hereford street	3,973.12 20.00	12-inch pipe, surface drain... 10-in. pipe, catch-basin drain,	Day labor. Charles river basin.

Sewers built between February 1, 1904, and February 1, 1905, by Private Parties.

Corn court	South Market street, southerly	55.72	12-inch pipe, sewer	Rebuilding.
Harrison avenue	Kneeland street and and Harvard street,	322.00	3 feet, circular brick	Built by Transit Commission.
Harvard street	Tyler street and Harrison avenue	204.00	24-inch pipe	Built by Transit Commission.
Harrison avenue	Harvard street and Bennet street	196.00	2 ft. 10 in. × 4 ft. 3 in., brick	Built by Transit Commission.
Bennet street	Harrison avenue and Washington-street tunnel	370.00	2 ft. 6 in. × 3 ft. 9 in., brick.	Built by Transit Commission.
Bennet street	Under Washington-street tunnel	35.00	4 feet × 3 feet concrete	Built by Transit Commission.
Bennet street	Washington-street tunnel and Washington street	56.00	3 feet, circular brick	Built by Transit Commission.
Washington street	Bennet street and Eliot street	435.00	2 ft. 4 in. × 3 ft. 6 in., brick.	Built by Transit Commission.
Washington street	Bennet street and Hollis street	39.00	24-inch pipe	Built by Transit Commission.
Washington street	Harvard street and Dix place	20.00	20-inch pipe	Built by Transit Commission.
Washington street	Eliot street and near LaGrange street	154.00	2 feet × 3 feet, concrete	Built by Transit Commission.
Washington street	Near LaGrange st. and Boylston sq	179.00	18-inch pipe	Built by Transit Commission.
Washington street	LaGrange street and a point 34 ft. south,	34.00	18 in. × 33 in., concrete	Built by Transit Commission.
LaGrange street	Washington st. and 103 feet westerly	103.00	18 in. × 33 in., concrete	Built by Transit Commission.
LaGrange street	Connection with old sewer	18.00	20 inches × 30 inches, brick	Built by Transit Commission.
Washington street	Kneeland street and near Essex street	453.00	3 feet, circular concrete	Built by Transit Commission.
Essex street	Near Washington st. and Harrison ave.,	180.00	24-in pipe	Built by Transit Commission.
Harrison avenue	Essex street and Hayward place	235.00	18-inch pipe	Built by Transit Commission.
Dewey square	.....	52.00	12-inch pipe	Built by Transit Commission.
Summer street	Near Atlantic ave. and near Federal st.,	208.00	4 feet 3 inches, circular brick,	Built by Transit Commission.
Summer street	Near Federal street and 30 feet west of Hawley street	1,396.00	3 feet 6 inches × 5 feet 3 inches, brick	Built by Transit Commission.

Summary of Sewer Construction for the Twelve Months ending January 31, 1905.

DISTRICT.	Built by the City by Contract or Day Labor.	Built by Private Parties.	Total Length Built during the 12 Months ending January 31, 1905.	
	linear feet.	*linear feet.*	*linear feet.*	*miles.*
City Proper	11,966.82	4,744.72	16,711.54	3.17
Roxbury	15,615.93	.....	15,615.93	2.96

Schedule of Sewers Built to Date in the City of Boston, February 1, 1905.

DISTRICT.	Total Length Built during 12 Months ending January 31, 1905.	Length Abandoned or Rebuilt during the 12 Months ending January 31, 1905.	Additional Length for the 12 Months ending January 31, 1905.	
	linear feet.	*linear feet.*	*linear feet.*	*miles.*
City Proper	16,711.54	2,149.00	14,562.54	2.76
Roxbury	15,615.93	.....	15,615.93	2.96

Totals Built by the City by Contract or Day Labor.*

DISTRICT.	Brick, Wood or Concrete Sewers or Surface Drains.	Pipe Sewers or Surface Drains.
	linear feet.	*linear feet.*
City Proper	415.82	11,551.00
Roxbury	611.53	15,004.40

* Does not include sewers built by private parties.

APPENDIX F.

REPORT OF THE DEPUTY SUPERINTENDENT OF THE STREET CLEANING DIVISION.

941 TREMONT BUILDING,
BOSTON, February 1, 1906.

MR. CHARLES LOGUE,
Acting Superintendent of Streets:

DEAR SIR, — I have the honor to submit the annual report of the Street Cleaning Division of this department for the year ending January 31, 1906.

The work of the year has been of the ordinary, almost routine character.

An attempt was made during July and August to flush some of the down-town streets with flushing carts furnished, for the experiment, by a firm from a neighboring city; but they proved costly, besides wearing very heavily in some places on the joints of the block pavement, and were, consequently, abandoned.

Of the amount charged to snow, namely, $57,437.03, the greater part of it — $50,143.54 — was spent during the snow season of 1904–1905, the balance — $7,293.49 — representing the amount debited to this work during the closing months of the year just elapsed.

Some very important recommendations were submitted in the report of last year, and, if they were not acted upon, it is only right to conclude that the appropriation did not warrant it.

Again recognizing their importance, and, in the hope that some future committee on appropriations will appreciate them as the division does, I beg leave to repeat them and to urge their realization.

RECOMMENDATIONS.

Extend the lines of the Dorchester District.
A larger force for Roxbury, to cover the entire district.
Establish small force in Jamaica Plain and Brighton.
A new stable for South Boston and Dorchester.

Extend the push-cart system.
Scow at the end of Charles River avenue.
Uniform size receptacle for store and house dirt.

Respectfully submitted,

JOSEPH J. NORTON,
Acting Deputy Superintendent.

FINANCIAL STATEMENT.

Appropriation, 1905–1906	$430,000 00
Transferred from Overseers of the Poor	273 42
" Registry Department	896 93
" Wire Department	3,641 94
" Bath Department	764 85
" Surplus revenue	13,260 65
Total expenditures	$448,837 79

OBJECTS OF EXPENDITURES.

Salary of Superintendent	$3,000 00
Office pay-rolls	4,638 99
Stationery	321 27
Printing	594 67
Board of horses, not mentioned elsewhere	496 83
Telephone service	646 36
	$9,698 12

Machine Sweeping of Paved Streets.

This includes cost of sweeping, loading and removal of street dirt.

District 1, South Boston	$14,291 31
District 2, East Boston	6,877 95
District 3, Charlestown	11,131 47
District 6, Dorchester	3,673 68
District 7, Roxbury	15,556 43
District 8, South End:	
Up-town gang	12,335 02
Down-town gang	35,050 06
District 9, Back Bay	5,486 15
District 10, West End	14,739 32
District 10, North End	14,700 40
	$133,841 79

Total length of miles cleaned, 13,610.

Cleaning Gutters.

This includes cost of sweeping, loading and removal of street dirt.

District 1, South Boston	$2,349 66
District 2, East Boston	3,034 88
District 3, Charlestown	2,108 59
District 7, Roxbury	1,128 83
District 6, Dorchester	4,064 24
District 8, South End:	
Up-town gang	2,866 79
Down-town gang	
District 9, Back Bay	4,617 78
District 10, West End	
District 10, North End	
	$20,170 77

Total length of gutters cleaned, 3,557 miles.

Cost of Maintaining Dumps.

District 1, South Boston	$430 40
District 2, East Boston	103 10
District 3, Charlestown	445 60
District 6, Dorchester	118 63
District 7, Roxbury	456 55
District 8, South End:	
Up-town gang	437 85
Down-town gang	570 99
District 9, Back Bay	404 33
District 10, West End	289 63
District 10, North End	269 77
	$3,526 85

Removing Snow.

This includes labor on crossings, in streets, carting of snow, etc. It also includes the snow work of the Patrol System.

Labor and teaming	$57,437 03

Miscellaneous.

This shows the cost of such work as may not be characterized the same in all districts.

District 1, South Boston	$2,575 91
District 2, East Boston	315 02
Carried forward	$2,890 93

Brought forward	$2,890 93
District 3, Charlestown	44 00
District 6, Dorchester	18 00
District 7, Roxbury	1,324 43
District 8, South End:	
Up-town gang	2,518 76
Down-town gang	2,464 97
District 9, Back Bay	1,681 04
District 10, West End	1,081 31
District 10, North End	704 49
	$12,727 93

Patrolling by Districts.

This includes the cost of picking up and removal of refuse papers, etc., from the streets.

District 1, South Boston	$1,321 01
District 2, East Boston	1,402 20
District 3, Charlestown	
District 6, Dorchester	17 50
District 7, Roxbury	66 90
District 8, South End:	
Up-town gang	63 51
Down-town gang	400 75
District 9, Back Bay	16 77
District 10, West End	803 72
District 10, North End	20 38
	$3,612 74

Public Alleys.

Labor and teaming	$216 71

Collection of Ashes and House Dirt.

This was done to help the Sanitary Division in its spring cleaning work.

Labor and teaming	$739 48

Flushing	$708 00

This was experimental.

Push-cart Patrol System.

Superintendence, inspection, etc.	$7,954 88
Push-carts, labor, teaming, etc.	56,052 82
Paper patrolling	4,663 83
Stock	2,405 17
Carried forward	$71,076 70

Brought forward	$71,076 70
Holidays	5,547 65
Repairs at station, 95 Columbus avenue	49 72
Sundries, repairs, etc.	2,735 29
Miscellaneous work	3,648 50
	$83,057 86

Stable and Yard Expenses.

In the following statement is included the cost of the South End, West End, Roxbury, South Boston, Charlestown and East Boston stables:

Superintendence of South stable	$1,403 87
Labor, including the cost of feeders, hostlers, broommakers, watchmen, yardmen, messenger, hay, grain, etc.	52,121 58
Cart and carriage repairs	5,847 75
Horseshoeing	4,018 26
Harness repairs	1,608 39
Sweeping machine repairs	2,950 16
Stable and shed repairs	881 33
Street car tickets and travelling expenses	825 00
Tool repairs	516 35
Veterinary services and medicine	2,378 01
Board and care of horses not mentioned elsewhere,	275 00
	$72,825 70

See Patrol System.

Stock Account.

Broom stock purchased	$4,658 18
Harness and horse furnishings purchased	1,452 32
Horses purchased	7,866 33
Tools purchased	1,048 47
Carts, carriages, etc.	412 00
Sweeping machines	525 00
	$15,962 30

See Patrol System.

Miscellaneous.

Holidays	$21,214 65
Scow (cost of disposal at sea of 41,741 loads of street dirt)	10,923 19
Sundries	2,568 74
Annuity	300 00
Charles River dump	118 96
	$35,125 54

See Patrol System.

GENERAL RECAPITULATION OF EXPENSES.

Superintendence	$9,698 12
Machine sweeping of paved streets	133,841 79
Cleaning gutters	20,170 77
Maintaining dumps	3,526 85
Removal of snow and ice	57,437 03
Miscellaneous work	12,727 93
Paper patrolling	3,612 74
Ashes and house dirt	739 48
Cleaning public alleys	216 71
Flushing	708 00
Patrol system, push-carts	83,057 96
Stable and yard expenses	72,825 70
Stock account	15,962 30
Miscellaneous	35,125 54
	$449,650 82

Of the above amount, the sum of $813.03 was paid by the Paving and Sewer Divisions for work done, thus making the total net expenses of this division, as shown in the financial statement, $448,837.79.

INCOME.

Amount of bills deposited with the City Collector during the financial year ending January 31, 1906, $1,326.86.

Table Showing the Number of Loads of Street Dirt Removed.

DISTRICT.	Number of Loads of Dirt Removed.	Cost per Load of cleaning Streets and removing to Dumps, including Foreman's Superintendence.
1	18,320	$0 90
2	8,321	1 18
3	8,582	1 54
6	10,775	71
7	8,913	1 87
8 Up-town gang	10,049	1 51
8 Down-town gang	21,495	1 63
9	5,213	1 93
10 West End	8,239	1 78
10 North End	9,525	1 54
	109,432	Barrels and Bag Loads.
Removed by push cart patrol system	5,370	71,157
Removed by district push-carts		29,496
Removed by paper patrol	2,993	
	117,795	100,653

Total number of cart loads removed 117,795
Total number of barrel and bag loads removed 100,653

Forty-one thousand, seven hundred and forty-one (41,741) loads, or 35 per cent., of street sweepings were delivered at the dumping scow at Fort Hill wharf, the towing of which to sea cost twenty-seven (27) cents per load.

PUBLIC WASTE BARRELS.

Total number of waste barrels emptied	9,983
Total number of subway barrels emptied	3,467
Total	13,450

SUMMARY.

Miles of streets cleaned	13,610
Miles of gutters cleaned	3,557
Loads of dirt removed	114,802
Loads of paper and refuse removed	2,993
Push-cart barrels emptied	100,653
Waste barrels emptied	9,983
Subway barrels emptied	3,467

PROPERTY OCCUPIED BY THE STREET CLEANING DIVISION.

South Boston. — Lease of stable, corner of H and Second streets.

East Boston. — Part of stable on East Eagle street, leased.

Charlestown.— Part of stable on Rutherford avenue. City stable. Office building, Rutherford avenue. City property.

Roxbury. — Part of stable on Highland street. City stable.

South End. — Part of stable, 650 Albany street. City stable.

West End. — Part of stable on North Grove street. City stable.

Back Bay. — Lease of building, 95 Columbus avenue.

APPENDIX G.

REPORT OF THE DEPUTY SUPERINTENDENT OF THE STREET WATERING DIVISION.

801 TREMONT BUILDING,
BOSTON, MASS, February 1, 1906.

MR. CHARLES LOGUE,
Acting Superintendent of Streets:

DEAR SIR, — I respectfully submit the annual report of the Street Watering Division of the Street Department for the financial year ending January 31, 1906.

The expense of watering all public streets during the year was $189,347.50.

The total number of carts used during the year was 253, an increase of one over last year.

Yours respectfully,

AMBROSE WOODS,
Acting Deputy Superintendent.

FINANCIAL STATEMENT.

Amount of appropriation	$165,000 00
Transferred from Sanitary Department	15,000 00
" " Reserve Fund	3,500 00
" " Cambridge Bridges Division	2,579 13
" " Central office	97 09
" " Bridge Division	435 46
" " Street Laying-Out Department	1,699 44
Transferred from Overseeing of the Poor Department	1,036 38
	$189,347 50
Amount of Expenditures	$189,347 50

OBJECTS OF EXPENDITURES.

Salaries and labor	$19,902 66
Teaming	160,610 50
Water posts, repairs, etc.,	4,455 18
Board of horses	1,275 53
Shoeing and clipping	206 23
Veterinary service and medicine	314 71
Harnesses and supplies	202 59
Horses, purchase of, and hire	594 29
Vehicles, pnrchase of, repairs, etc.	408 62
Printing	99 01
Stationery and postage	93 75
Bicycles, repairs, etc.	825 05
Telephone service	169 13
Car-fares	100 00
General supplies	90 25
	$189,347 50

Objects of Expenditures, Classified by Districts, from February 1, 1905, to January 31, 1906.

DISTRICTS.	Teaming.	Labor.	Maintenance.	Totals.
South Boston	$15,064 00	$1,249 50	$1,249 36	$17,562 86
East Boston	10,012 50	1,249 50	869 12	12,131 12
Charlestown	7,350 00	624 75	651 84	8,626 59
Brighton	13,077 50	1,249 50	1,140 72	15,467 72
West Roxbury	20,965 00	1,874 25	1,792 57	24,631 82
Dorchester	24,058 00	2,499 00	2,064 17	28,621 17
Roxbury	25,692 00	1,874 25	2,227 13	29,793 38
Back Bay	14,376 50	1,249 50	1,140 72	16,766 72
South End	13,000 00	1,249 50	1,086 40	15,335 90
City Proper	17,015 00	1,874 25	1,520 97	20,410 22
	$160,610 50	$14,994 00	$13,743 00	$189,347 50

EXPENDITURES SINCE 1899.

The expenditures since 1899, when the city assumed, for the first time, the watering of paved streets, are as follows:

1899	$174,625 97
1900	174,742 45
1901	164,259 36
1902	160,147 25
1903	164,104 74
1904	165,071 08
1905	189,347 50

AMOUNT OF WATER USED IN 1905.

Capacity of two-horse cart (gallons)	600
Average loads thrown per day, per cart	26
Total gallons thrown per day, per cart	15,600
Number of cart days worked	32,122
Total gallons of water used	501,103,200

Distribution of Carts, showing Entire Amount of Work Done.

DISTRICTS.	Hired Carts.	Number Miles Covered.	Average per Cart.
South Boston	23	40	1.74
East Boston	16	25	1.56
Charlestown	12	22	1.83
Brighton	21	41	1.95
West Roxbury	33	76	2.30
Dorchester	38	92	2.40
Roxbury	41	86	2.10
Back Bay	21	83	1.20
South End	20		
City Proper	28		
Totals	253	465	1.89

Location of Water Posts by Districts.

	Year.										Electric Hydrants.
	1891.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	
South Boston.....	23	28	35	38	39	39	39	39	40	40	
East Boston.....	16	34	41	42	42	42	43	43	45	45	
Charlestown.....	19	20	20	21	22	22	22	22	22	22	
Brighton.....	25	44	47	50	48	50	50	50	50	50	
West Roxbury.....	50	67	75	86	81	84	85	85	85	*88	
Dorchester.....	61	83	88	99	100	101	101	102	105	103	
Roxbury.....	53	68	76	80	73	75	75	75	75	75	
City Proper.....	24	53	69	74	68	73	73	72	72	72	5
Totals.....	271	397	451	490	473	486	488	488	494	495	5

NOTE. — During the year 9 posts were relocated, 1 post abandoned, and 2 new posts erected.

* One pipe transferred from Dorchester district to West Roxbury district.

APPENDIX H.

REPORT OF THE COMMISSIONER OF BOSTON AND CAMBRIDGE BRIDGES.

BOSTON, February 1, 1906.

MR. CHARLES LOGUE,
Acting Superintendent of Streets:

SIR, — I herewith submit the following report of the work done on the Boston and Cambridge bridges for the year ending January 31, 1906.

The Commission is composed of one member from Boston and one member from Cambridge, and had, during the early part of the year, the management of the eight bridges between the two cities, and the expense of maintaining them was borne equally by the two cities. Two of these bridges have been closed to travel during the year, and the Commission has the care of the remaining bridges.

CAMBRIDGE-STREET BRIDGE.

Electric motors have been installed for operating the draw. The deck planking and stringers on the Boston side of the bridge and the planking along the waterway need extensive renewal; one draw-arm should be replaced and the abutments need small repairs.

CANAL OR CRAIGIE'S BRIDGE.

On July 1 this bridge was closed to public travel, and the maintenance and operation of the temporary bridge built in its place passed into the hands of the Charles River Basin Commission.

ESSEX-STREET BRIDGE.

This bridge was closed to travel October 2, and is now being rebuilt; the new bridge is to be known as Brookline-street Bridge.

HARVARD BRIDGE.

During the past summer the asphalt sidewalks for the entire length of the bridge on both sides and the planking supporting them were removed, and a new walk of 3-inch hard pine plank laid. The curb stringers were also renewed for the entire length on both sides. The sidewalks and the roadway of the fixed spans are now in good condition; the flooring of the draw, however, is in very poor condition and should be rebuilt at once. The stringers and nearly all of the lower planking are those put in when the bridge was built in 1891, and they are now so badly decayed that the deck cannot be considered safe for the heavy loads passing over it. The sheathing is worn so thin that it should be renewed at once, and it would not be economy to put new sheathing on so poor a lower planking.

The planking of the draw-fender pier is very rotten, and although it has been patched in many places, a person walking on the pier is liable to break through.

The caps on the fender-guards are also badly decayed and several of the iron plates have disappeared from the corners. Both fenders should be repaired.

The gates across the roadway at the draw are old and should be replaced by iron gates of more approved design.

The girders are somewhat rusty and should be painted in the near future. The railings on both sides of the bridge were painted during the past year, and the whole bridge presents a much better appearance than it has for a number of years.

With the exception of the tracks, which are somewhat worn, the machinery of the draw is in good condition and the draw is working very satisfactorily.

NORTH HARVARD-STREET BRIDGE.

The original bridge was built in 1662. It is in poor condition and too narrow, and should be replaced by a wider bridge.

PRISON POINT BRIDGE.

The present temporary bridge is kept in repair by the Boston & Maine Railroad, the Commission having charge of the operation of the draw.

WEST BOSTON TEMPORARY BRIDGE.

This bridge was built to accommodate the travel until Cambridge Bridge should be built. The deck planking is in poor condition and frequent repairs are made on it.

WESTERN-AVENUE BRIDGE TO CAMBRIDGE.

The Boston end of the bridge needs general repairing. The Cambridge end is in fair condition, except some of the lower planking, which needs renewal, and the piers need repairing.

IN GENERAL.

The usual statement is appended showing the number of draw openings and the number of vessels which passed through.

The amount of revenue for rents, wharfage, etc., during the year has been $824.90. One-half of this has been paid to each city. The City of Cambridge paid the City of Boston on December 29 the sum of $1,457.97, being one-half of the weekly pay-rolls for reconstruction of Harvard Bridge sidewalks.

Respectfully submitted,

CHARLES LOGUE,
Commissioner for Boston.

FINANCIAL STATEMENT.

February 1, 1905, to January 31, 1906.

Appropriation for financial year 1905–1906 . .	$22,000 00
City of Cambridge, one-half weekly pay-rolls, Harvard Bridge, reconstruction of sidewalks . .	1,457 97
Total	$23,457 97
Expended to January 31, 1906	20,878 84
Balance transferred to other appropriations . .	$2,579 13

Classification of Expenditures by City of Boston, February 1, 1905, to January 31, 1906.

OBJECT OF EXPENDITURES.	Cambridge Street.	Craigie's.	Essex Street.	Harvard Street.	North Harvard Street.	Prison Point.	West Boston.	Western Avenue.	General Account.	Totals.
Drawtenders*	$694 64	$1,091 31	$670 00	$4,663 01	$514 00	$1,516 00	$1,851 40	$711 34	.....	$11,711 70
Lumber	233 30	29 86	139 02	3,956 33	95 38	54	.....	227 82	.....	4,682 25
Electric light	48 00	179 35	146 67	1,170 00	.....	.....	612 30	48 00	.....	2,204 32
General repairs	175 38	73 34	60 76	59 12	85 79	8 98	.....	167 86	.....	631 23
Cleaning bridges	.....	92 10	.....	93 23	.....	.....	263 50	.....	.....	448 83
Sundries	4 81	49 15	.....	175 22	3 23	18 01	22 89	35	.....	273 66
Fuel	5 60	94 53	.....	23 20	.....	.....	15 20	.....	.....	138 53
Tools and Hardware	12 47	36 05	5 66	67 65	6 75	4 10	3 73	8 17	.....	144 58
Electric current	.....	.....	.....	120 00	.....	.....	.....	.....	.....	120 00
Electric repairs	.....	.....	.....	76 03	.....	.....	.....	.....	.....	76 03
Paint and painting	3 74	.....	35	43 57	15 33	.....	.....	.....	.....	62 99
Ironwork	9 24	17 94	.....	.....	2 15	.....	6 98	15 89	.....	52 20
Water rates	.....	4 00	.....	.....	.....	.....	.....	.....	.....	4 00
Secretary	.....	.....	.....	.....	.....	.....	.....	.....	$250 00	250 00
Printing	.....	.....	.....	.....	.....	.....	.....	.....	49 64	49 64
Stationery	.....	.....	.....	.....	.....	.....	.....	.....	14 63	14 63
Furniture	.....	.....	.....	.....	.....	.....	.....	.....	14 25	14 25
Totals	$1,187 18	$1,667 63	$1,022 46	†$10,447 36	$722 63	$1,547 63	$2,776 00	$1,179 43	$328 52	$20,878 84
* Extra help during vacations of drawtenders included in above	$28 00	.....	$28 00	$56 00						
† Harvard Bridge Sidewalk, cost of rebuilding included in above:										
Labor	.....	.....	.....	1,457 96						
Materials	.....	.....	.....	4,004 54	$14 00	$56 00	$56 00	$28 00	.....	$266 00

Boston and Cambridge Bridges (City of Boston). Revenue from February 1, 1905, to January 31, 1906.

DATE.	L. B. 6 and Page.	Items.	Bridges.	Total.	One-half City of Boston.	One-half City of Cambridge.
March 4	134	J. Freedman, rent $20, less water tax, $7.55	Cambridge	$12 65	$6 32	$6 33
		Boston Elevated Railway Company, repairing	Western avenue	33 35	16 68	16 67
		J. Freedman, rent	Cambridge	20 00	10 00	10 00
May 11	158	J. Freedman, old building	"	25 00	12 50	12 50
		Yacht "Gleam," wharfage	"	40 00	20 00	20 00
		Old drawtender's house	"	150 00	75 00	75 00
September 7	185	Thomas Butler & Co., old iron	"	4 05	2 03	2 02
		P. A. Berkeley, Jr., old wood	Cambridge-street	4 00	2 00	2 00
		Holbrook, Cabot & Rollins, old engine and boiler	Cambridge	50 00	25 00	25 00
		Charles River Basin Commission, old tools	"	200 00	100 00	100 00
		Thomas J. Murphy, old wood	Cambridge-street	2 00	1 00	1 00
October 16	198	Gabriel Farrell, wharfage	West Boston	25 00	12 50	12 50
		W. B. Hoitt, old wood	"	60 00	30 00	30 00
		W. P. Nickerson, old wood	Harvard	2 00	1 00	1 00
		Samuel Myers, old wood	"	1 00	50	50
		Robert Holden, old wood	"	1 00	50	50
		M. Fallon, old wood	"	1 00	50	50
		William Dudley, old wood	"	1 00	50	50
November 29	225	David Murphy, old wood	"	1 00	50	50
		Jere Downey, old wood	"	1 00	50	50
		Mrs. E. M. Smith, old wood	"	1 00	50	50
		Fay Brothers, scrap iron	Cambridge-street	88 90	44 45	44 45
		J. E. Eames, old wood	Harvard	1 00	50	50
		Boston Consolidated Gas Co., credit on electric light	Essex-street	7 70	3 85	3 85
		W. B. Hoitt, old wood	Harvard	17 25	8 62	8 63
		Boston Athletic Association, dockage	West Boston	50 00	25 00	25 00

		Mr. Harris, old wood	Harvard	2 00	1 00	1 00
		John Coyn, old wood	"	1 00	50	50
		G. A. A. Pevey, old wood	"	1 00	50	50
		J. C. Doherty, old wood	"	13 00	6 50	6 50
December 27..	248	Thomas Sheridan, old wood	"	1 00	50	50
		John H. Holt, old wood	"	1 00	50	50
		Michael Callahan, old wood	"	1 00	50	50
		M. J. Lynch, old wood	"	1 00	50	50
		Edward Ward, old wood	"	1 00	50	50
		John Reilly, old wood	"	1 00	50	50
		Michael Smith, old wood	"	1 00	50	50
		John Smith, old wood	"	1 00	50	50
				$824 90	$412 45	$412 45
December 29..		Received from City of Cambridge one-half of the amount paid by the City of Boston for weekly payrolls for reconstruction of Harvard bridge sidewalks			1,457 97	
		Total		$824 90	$1,870 42	$412 45

Number of Times the Draws in the Boston and Cambridge Bridges have been Opened, and the Number of Vessels which have Passed Through during the Year 1905.

Date.	Cambridge Street.		Craigie's.		Essex Street.		Harvard.		No. Harvard Street.		Prison Point.		West Boston.		Western Avenue.	
	Number of Draw Openings.	Number of Vessels passing through.	Number of Draw Openings.	Number of Vessels passing through.	Number of Draw Openings.	Number of Vessels passing through.	Number of Draw Openings.	Number of Vessels passing through.	Number of Draw Openings.	Number of Vessels passing through.	Number of Draw Openings.	Number of Vessels passing through.	Number of Draw Openings.	Number of Vessels passing through.	Number of Draw Openings.	Number of Vessels passing through.
January	12	17	116	202	10	15	56	35	8	15	17	31	30	59	12	19
February	.....	.....	56	96	.....	.....	.....	.....	.....	.....	26	46	.....	.....	.....	.....
March	6	10	149	233	6	10	18	12	4	7	23	35	24	40	4	7
April	20	34	247	375	21	34	53	34	12	18	20	45	275	561	12	18
May	10	17	247	405	10	17	29	19	10	16	26	85	32	50	10	16
June	28	48	293	497	26	46	72	50	20	32	19	39	47	75	20	33
July	17	26	357	619	17	24	43	22	15	23	19	43	108	190	15	23
August	8	12	.....	.....	8	12	30	21	8	12	36	110	128	313	8	12
September	16	25	.....	.....	28	36	59	40	12	19	26	60	165	318	12	19
October	31	52	.....	.....	.....	.....	94	63	12	18	48	111	327	679	12	18
November	24	40	.....	.....	.....	.....	87	146	16	25	34	70	123	211	16	25
December	13	20	.....	.....	.....	.....	51	71	12	19	33	76	83	157	12	19
Total	185	301	1,465	2,427	126	194	592	513	129	204	327	751	1,342	2,662	133	209

APPENDIX I.

REPORT OF THE CITY ENGINEER ON SPECIAL WORK.

CITY OF BOSTON, ENGINEERING DEPARTMENT,
50 CITY HALL, February 1, 1906.

MR. CHARLES LOGUE,
Acting Superintendent of Streets:

SIR, — I herewith submit the following report of the work done for the Street Department during the year ending January 31, 1906:

ATLANTIC-AVENUE RECONSTRUCTION.

In consequence of dredging in the dock between Central and India wharves and of the action of the propellers of the steamers using it, the filling under the sea-wall at the head of the dock had fallen away and caused a settlement of the street back of the wall at this point. The face of the wall had also slid forward leaving a large cavity about ten feet long in the middle of the wall. This cavity was filled with Portland cement concrete and stone ballast was deposited between the bulkhead and the front of the wall and a timber bulkhead about 52½ feet long was built on the street line. The work was done by Lawler Brothers under a contract and was completed early in July, 1905.

COTTAGE-STREET FOOT-BRIDGE.

This bridge was partially destroyed by ice early in 1904 and was closed to travel. A contract was made October 4, 1905, with the William S. Rendle Company for repairing the bridge, which required the driving of 166 new piles and placing new caps, stringers and planking in a large part of the bridge. The fences were painted for their entire length. The work is completed with the exception of painting the fences.

DOVER-STREET BRIDGE.

Plans and specifications were made for widening the draw-way about 3 feet to 40 feet. A contract was made with the Cahill Construction Company for doing the work which has been commenced.

EAST BOSTON FERRIES.

Coal-pocket. — Plans and specifications were made for building a coal-pocket at the East Boston landing of the North Ferry to replace the present coal-shed. Bids were received October 9 and a contract was made with George Hayes, the lowest bidder, for doing the work. No work has yet been done under the contract as the coal-shed was in use.

Areas of Cabins. — The areas of the cabins and passageways on all the ferry-boats have been measured.

NORFOLK-STREET BRIDGE.

The contract for building the steel superstructure for this bridge was completed by the Boston Bridge Works early in May at a cost of $12,123.47. The south roadway was opened to travel May 13, 1905, and the north roadway at a later date.

The through steel truss bridge was built across the railroad location on a skew, resting on the abutments, which were completed the previous December; the bridge consists of three riveted steel trusses each 111 feet long, centre to centre of bearings, and 20 feet deep, centre to centre of top and bottom chords. These trusses are spaced 23 feet 3 inches on centres; the floor beams are of steel, riveted to bottoms of posts, and support a floor system of hard pine stringers and 4-inch spruce deck plank, upon which is laid a wearing surface of 2-inch spruce. The centre truss divides the roadway into two parts, each 13 feet 6 inches in the clear; there are two sidewalks each 7 feet 4 inches wide, and the total width of the bridge from centre to centre of the outside trusses is 46 feet 6 inches. The floor beams overhang the trusses 3 feet 6 inches for the purpose of supporting water and gas-pipes. Provision is also made for a line of car tracks of the Boston Elevated Railroad, in each roadway, but the rails are not laid on the bridge at present.

STAIRWAY FROM SUMMER-STREET BRIDGE TO A STREET.

Under a contract with the New England Structural Company, a flight of stairs has been built from the southerly walk of the bridge on Summer street to the westerly sidewalk below on A street. The work was completed early in May, 1905, at a cost of $592.25. The foundations for the stairs were put in by D. J. Kiley and safety treads at the landings were furnished and placed by the Universal Safety Tread Company.

ASSESSMENT STREETS.

Working plans, specifications and forms of contract were prepared and forwared to the Street Department for the construction of the following assessment streets:

Beaufort road, Centre street about 467 feet westerly.
Clement avenue, Flora street to Stratford street.
Flora street, Kenneth street to Clement avenue.

PLANS AND SPECIFICATIONS FOR REPAVING STREETS.

Preliminary surveys were made and working plans, specifications and forms of contract were prepared and forwarded to the Street Department for repaving the following streets:

Albany Street, Beach street to Kneeland street.
Albany street, Massachusetts avenue about 225 feet northerly.
Allen street, Chambers street to Charles street.
**Allston street*, Brighton avenue to Washington street.
Ash street, Bennet street to Nassau street.
Atlantic avenue (westerly side), Broad street to Commercial street.
Bennet street, Ash street to Harrison avenue.
Blackstone street, Hanover street to Haymarket square.
Bolton street, C street to D street.
Boylston street, Massachusetts avenue to the Parkway.
Causeway street, Nashua street, across Lowell street.
Chatham row, State street to Chatham street.
Chatham street, Merchants row to Commercial street.
**Chelsea street*, Mt. Vernon street to Vine street.
Clarendon street, Beacon street to Boylston street.
Devonshire street, Milk street to Franklin street.
Dorchester street, Broadway to Eighth street.
**East First street*, K street to L street.
Eliot street, Tremont street to Washington street.
Essex street, Chauncy street to Lincoln street.
Harrison avenue, Bedford street to Essex street.
Harrison avenue, Beach street to Kneeland street.
Harrison avenue, Gloucester place to Decatur street.
Harrison avenue, East Springfield street to Northampton street.
**Harvard street*, Gleason street to School street.
**Haverhill street*, Haymarket square to Traverse street.
Hayward place, Washington street to Harrison avenue.
Huntington avenue, Dartmouth street to Boston & Albany R.R. bridge.
McLean street, Chambers street to Blossom street.
Norfolk street, N. Y., N. H. & H. R.R. bridge to Morton street.

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* Plans only were forwarded.

**Norfolk avenue*, Magazine street to Marshfield street.
Northampton street, Shawmut avenue to Washington street.
**Northampton street*, Washington street to Harrison avenue.
St. Alphonsus street, Tremont street to Smith street.
Salutation street, Hanover street to Commercial street.
**Silver street*, F street to Dorchester street.
South street, Essex street to Beach street.
Thomas Park, South Boston.
Tileston street, Hanover street across Unity street.
**Topliff street*, Bowdoin street to Westville street.
Tyler street, Beach street to Harvard street.
Tyler street, Oak street to Curve street.
* *Warren street*, Cambridge street to the Brookline line.
West Broadway, at Dorchester street.
* *West First street*, A street to Dorchester avenue.
West Sixth street, C street to D street.
Wiggin street, North Bennet street to Tileston street.

MISCELLANEOUS.

Preliminary surveys have been made and plans prepared for repaving the following streets:

A street, West First street across Richards street.
Albany street, Kneeland street to Boston & Albany R.R. bridge.
Albany street, Broadway to Dover street.
Armandine street, Washington street to Milton avenue.
Beach street, Freeport street to Park street.
Blackstone street, North street to Clinton street.
Causeway street, Leverett street to Lowell street.
Centre street, Adams street to Dorchester avenue.
Congress street, Congress-street bridge to existing concrete base paving.
Congress street, Congress-street bridge to N. Y., N. H. & H. R.R. tracks.
Cross street, Fulton street to Commercial street.
Dorchester avenue, Congress street to Summer street.
Eliot street, Tremont street to Pleasant street.
Evans street, Morton street to Milton avenue.
Evelyn street, Norfolk street to Blue Hill avenue.
Fleet street, Hanover street to Commercial street.
Geneva avenue, Bowdoin street to Park street.
Guild row, Roxbury street to Dudley street.
Hampden street, Albany street to Dudley street.
Hanover street, Union street to Parmenter street.
Harvard avenue, Cambridge street to Commonwealth avenue.
Harvard street, Harrison avenue to Albany street.
Haverhill street, Traverse street to Causeway street.
Henry street, Paris street to Maverick square.

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* Plans only were forwarded.

K street, First street 437 feet northerly.
Marlborough street, Clarendon street to Exeter street.
Maverick square, westerly side.
Nelson street, Norfolk street to Selden street.
North street, Blackstone street to Commercial street.
Northampton street, Tremont street to Shawmut avenue.
Park street, Dorchester avenue to Adams street.
Richmond street, Commercial street to Atlantic avenue.
River street, Mattapan square to Hyde Park line.
Robinson street, Adams street to Draper street.
Roxbury street, Guild row to Shawmut avenue.
Rutherford avenue, Chapman street to Cambridge street.
Selden street, Milton avenue to Morton street.
Stanwood street, Blue Hill avenue to Columbia road.
Washington street, Elm street to Hanover street.
Washington street, Dudley street to Arnold street.

MISCELLANEOUS PLANS, SPECIFICATIONS, ETC.

Almont street, Dorchester. A plan was prepared showing a revised grade for a portion of the street, starting about 900 feet west of Blue Hill avenue and extending about 500 feet westerly.

Atlantic avenue (westerly side), Broad street to Commercial street. Plans and specifications were prepared for widening the westerly roadway about 4.8 feet by taking a like amount from the sidewalk.

Freeport street (easterly side). Plans and specifications were prepared for a granite rubble retaining wall about 350 feet long and from 11 feet to 13.8 feet high.

Norfolk street, at Mascot street. A plan and specifications were prepared for a wooden bulkhead.

Washington street, Townsend street to School street. Plans and grades were prepared for making the sidewalk uniformly 10 feet wide.

GRADING STREET RAILWAY TRACKS.

Grades for tracks in the following streets have been determined and the necessary surveys made for determining the same.

Boston Elevated Railway Company.

Atlantic avenue, (westerly side).
Blue Hill avenue, Norfolk street to River street.
Boylston street, Massachusetts avenue to the Parkway.
Broadway, at Dorchester street.
Centre street, South Huntington avenue to Pond street.
Chelsea street, Saratoga street to Chelsea-street bridge.
Chelsea street, Mt. Vernon street to Vine street.
Dorchester street, Broadway to Eighth street.

Eliot street, Pleasant street to Washington street.
Guild row, Roxbury street to Dudley street.
Hampden street, Albany street to Dudley street.
Hanover street, Union street to Parmenter street.
Harrison avenue, East Springfield street to Northampton street.
Haverhill street, Haymarket square to Causeway street.
Huntington avenue, Dartmouth street to Boston & Albany R. R. bridge.
Maverick square, Westerly side.
Northampton street, Tremont street to Shawmut avenue.
Northampton street, Washington street to Shawmut avenue.
Northampton street, Washington street to Harrison avenue.
Prentiss street, Columbus avenue to Tremont street.
River street, Mattapan square to Hyde Park line.
Roxbury street, Guild row to Shawmut avenue.
Shelby street, Lexington street to Saratoga street.
Talbot avenue, Washington street to Dorchester avenue.
Washington street, Elm street to Hanover street.
Washington street, Dudley street to Arnold street.
Washington street, Columbia road to Kilton street.
Washington street, Euclid street to Ashmont street.
West Sixth street, C street to D street.

New York, New Haven & Hartford Railroad.

West First street, A street to Granite street.

Total length of single track grades = 10 miles.

Plans showing details of construction of streets and other structures have been made from time to time as required. The street book giving lengths and areas of pavements in accepted streets and public alleys has been corrected to February 1, 1905, and is now being brought up to February 1, 1906.

Respectfully submitted,

WILLIAM JACKSON,
City Engineer.

APPENDIX J.

REPORT OF CHIEF SMOKE INSPECTOR.

64 PEMBERTON SQUARE,
BOSTON, MASS., February 1, 1906.

MR. CHARLES LOGUÉ,
Acting Superintendent of Streets:

DEAR SIR, — I herewith respectfully submit a report of the work performed by this office for the eleven months ending December 31, 1905.

There has been a noticeable improvement in the operation of power plants during the past year.

We have notified the offenders of the change in the smoke nuisance laws, with the result that the owners have made changes in their plants to meet with the requirements of the new law which will go into effect January 1, 1906, when the Board of Health will be charged with its enforcement.

BOILER APPLICATIONS.

During the year 241 applications have been received from the Building Department for boiler permits and were disposed of as follows:

Signed to use hard coal	227
New consumers adopted	14
	241

SPECIAL REPORTS.

February 4. Report on communication received from Boston Terminal Company.

March 1. Report on complaint of Caroline M. Pigeon.

March 1. Report on complaint of A. B. Abbott.

March 1. Report on order from Common Council.

March 14. Report on complaint of Bay State Instalment Company, 725 Washington street.

March 14. Report on complaint of William M. Farrington against the Boston & Albany Railroad.

April 10. Report on communication from Chas. A. L. Reed.

June 15. Report on complaint of Walter M. Hatch & Co.

July 17. Report on complaint of D. Eldridge.

July 21. Report on complaint of Hayes Robbins.

August 23. Report on communication from J. M. Dewbury.

August 23. Report on communication from E. M. Jones.

August 24. Report on communication from S. M. Singleton.

October 18. Report on complaint from property owners against the Boston & Maine Railroad.

November 17. Report on complaint of Frank Peaslee.

December 1. Report on complaint of A. Porter, 727 Boylston street.

December 1. Report on communication from H. P. Fairfield.

December 1. Report on order received from the Common Council.

Nova Scotia Coal.

Importations of Coal from Nova Scotia at the Port during the Year ending January 31, 1906.

MONTHS.	Tons.	Value.
February, 1905	40,969	$71,911
March	68,755	113,139
April	53,470	92,682
May	51,200	64,000
June	50,800	63,500
July	39,000	48,850
August	55,037	69,858
September	48,050	60,063
October	41,150	51,438
November	50,100	62,752
December	60,252	108,767
January, 1906	81,174	150,008
Total	639,957	$956,968

Nova Scotia coal recorded at the Collector's office (Boston Custom House) for the year ending January 31, 1906, shows 639,957 tons as against 563,526 for the year ending January 31, 1905.

I submit a brief summary of work for the year ending December 31, 1905:

Number of applications for boiler permits received . .	241
Number of smoke preventers adopted	14
Number agreeing to burn hard coal	227
Number of short observations taken	100
Number of special reports	19
Number of special requests for observations received .	2

Respectfully submitted,

JOHN J. O'NEIL,
Chief Smoke Inspector.

APPENDIX K.

REPORT OF THE CIVIL SERVICE CLERK.

BOSTON, February 1, 1906.

MR. CHARLES LOGUE,
Acting Superintendent of Streets:

DEAR SIR, — I submit herewith a report of the work performed in connection with the Civil Service Commission, together with a statement of the force employed and eligible for employment for the year ending January 31, 1906:

Requisitions made		105
Requisitions cancelled		8
Certifications returned without any selection being made		22
Number of men called for		318
Number of men certified		503
Number of men selected, including veterans		277
Number of veterans appointed		11
Number of men appointed provisionally under civil service rule number 36		6
Applications made for promotion		15
Promotions allowed		14
Promotions allowed provisionally		1
Provisional appointments made permanent		2
Requests for permission to reinstate		4
Requests for permission to reinstate allowed	2	
Requests for permission to reinstate not allowed	2	
		4

Transfers made from other City and State departments to the Street Department, with the approval of the Civil Service Commission as follows:

From Bath Department	3
City Messenger's Department	1
Lamp Department	1
Park Department	1
Public Grounds Department	1
Schoolhouse Commission	1
Street Laying-Out Department	1
Total	9

Transfers from the Street Department to other City and State departments, with the approval of the Civil Service Commission as follows:

To Bath Department	1
Fire Department	1
Massachusetts Highway Commission	1
Total	3

Number of discharges forwarded to the Civil Service Commission, 103.

The records of the department show that there are now 3,654 persons eligible for employment in the several divisions, and of that number 3,178 were upon the January, 1906, payrolls.

Comparative Table showing the Number of Employees February 1, 1905, and February 1, 1906.

	Central Office.	Paving.	Sewer.	Sanitary.	Street Cleaning.	Ferry.	Bridge.	Street Watering.	Total.
February 1, 1905	8	916	877	516	353	151	166	10	2,997
February 1, 1906	9	934	890	617	392	168	163	5	3,178

Respectfully submitted,

JOHN J. QUINN,
Civil Service Clerk.

APPENDIX L.

FORMER SUPERINTENDENTS AND DOCUMENT NUMBERS OF ANNUAL REPORTS.

Bridge Department before 1891.

Previous to 1886, under charge of City Engineer.

NAME.	Year.
Bartholomew M. Young	1886 to 1889
James H. Nugent	1889 to 1891

Bridge Department before 1891.

NAME OF DOCUMENT.	For Year.	Year Published.	Number of Document.
Annual report	1886	1887	29
" "	1887	1888	26
" "	1888	1889	29
" "	1889	1890	22
" "	1890	1891	*

*Published in annual report, Executive Department.—Part I., City Document, No. 1, 1891.

Paving Department before 1891.

NAME.	Year.
Enoch Patterson, Superintendent Streets and Drains	1825 to 1831
Zephaniah Sampson " " " "	1831 to 1846
Thomas Hunting, Superintendent	1846 to 1853
Alfred T. Turner, "	1853 to 1864
Charles Harris, "	1864 to 1883
Nehemiah T. Merritt, "	1883
James J. Flynn, "	1883
Charles Harris, "	1884
Michael Meehan "	1884 to 1886
John W. McDonald, "	1886 to 1889
J. Edwin Jones, "	1889 to 1891

Paving Department before 1891.

NAME OF DOCUMENT.	For Year.	Year Published.	Number of Document.
Quarterly report	.....	1851	6
" "	.....	1851	29
Annual report	1851	1852	2
" "	1852	1853	6
" "	1853	1854	6
" "	1854	1855	5
" "	1855	1856	3
" "	1856	1857	3
" "	1857	1858	3
" "	1858	1859	5
" "	1859	1860	6
" "	1860	1861	5
" "	1861	1862	4
" "	1862	1863	3
" "	1863	1864	3
" "	1864	1865	7
" "	1865	1866	3
" "	1866	1867	6
" "	1867	1868	9
" "	1868	1869	14
" "	1869	1870	13
" "	1870	1871	12
" "	1871	1872	16
" "	1872	1873	21
" "	1873	1874	25
" "	1874	1875	27
" "	1875	1876	30
" "	1876	1877	38
" "	1877	1878	29
" "	1878	1879	24
" "	1879	1880	24
" "	1880	1881	48
" "	1881	1882	51
" "	1882	1883	47
" "	1883	1884	46
" "	1884	1885	97
" "	1885	1886	30
" "	1886	1887	16
" "	1887	1888	23
" "	1888	1889	30
" "	1889	1890	19
" "	1890	1891	*

* Published in annual report, Executive Department, Part II., City Document, No. 1, 1891.

Sewer Department before 1891.

NAME.	Year.
Enoch Patterson, Superintendent	1825 to 1831
Zephaniah Sampson, "	1831 to 1837
Charles B. Wells, "	1837 to 1856
Simeon B. Smith, "	1856 to 1863
William H. Bradley, "	1863 to 1883
Horace A. Moses, "	1883 to 1885
Thomas J. Young, "	1885 to 1887
Seth Perkins, "	1887 to 1889
Charles Morton, "	1889 to 1891

Sewer Department before 1891.

NAME OF DOCUMENT.	For Year.	Year Published.	Number of Document.
Annual report	1859	1861	11
" "	1860	1861	12
" "	1861	1862	12
" "	1862	1863	13
" "	1863	1864	11
" "	1864	1865	5
" "	1865	1866	6
" "	1866	1867	8
" "	1867	1868	13
" "	1868	1869	11
" "	1869	1870	3
" "	1870	1871	11
" "	1871	1872	10
" "	1872	1873	13
" "	1873	1874	12
" "	1874	1875	17
" "	1875	1876	11
" "	1876	1877	13
" "	1877	1878	15
" "	1878	1879	11
" "	1879	1880	16
" "	1880	1881	19
" "	1881	1882	18
" "	1882	1883	16
" "	1883	1884	43
" "	1884	1885	
" "	1885	1886	58
" "	1886	1887	69
" "	1887	1888	81
" "	1888	1889	129
" "	1889	1890	14
" "	1890	1891	*

*Published in annual report, Executive Department, Part II., City Document, No. 1, 1891.

Health Department before 1891.

Sanitary.

NAME.	Year.
Ezra Forristall, Superintendent	1853 to 1854
Joseph W. Coburn, "	1854 to 1855
Ezra Forristall, "	1855 to 1869
George W. Forristall, "	1869 to 1890

Health Department before 1891.

Sanitary.

NAME OF DOCUMENT.	Year.	Year Published.	Number of Document.
Annual report	1853	1854	7
" "	1854	1855	6
" "	1855	1856	4
" "	1856	1857	4
" "	1857	1858	4
" "	1858	1859	4
" "	1859	1860	5
" "	1860	1861	6
" "	1861	1862	5
" "	1862	1863	5
" "	1863	1864	4
" "	1864	1865	4
" "	1865	1866	8
" "	1866	1867	7
" "	1867	1868	8
" "	1868	1869	12
" "	1869	1870	4
" "	1870	1871	10
" "	1871	1872	17
" "	1872	1873	40
Annual reports from 1873 to 1884, inclusive; the Superintendent's report was embodied in the report of the Board of Health	1885	1886	45
Annual report	1886	1887	22
" "	1887	1888	16
" "	1888	1889	23
" "	1889	1890	21
" "	1890	1891	*

* Published in annual report, Executive Department, Part II., City Document, No. 1, 1891.

Commissioners of Cambridge Bridges before 1891.

(West Boston, Canal and Prison Point.)

NAME.	Year.
Frederick W. Lincoln, Commissioner for Boston..	May 22, 1871, to March, 1901.
Ezra Parmenter, Commissioner for Cambridge....	June 14, 1871, to Jan. 31, 1883.
William J. Marvin, Commissioner for Cambridge..	March 28, 1883, to July 22, 1904.

NOTE. — Harvard bridge added in 1892. Essex street, Cambridge street, North Harvard street and Western avenue bridges to Cambridge were transferred from Street Department, July 1, 1898.

Commissioners of Cambridge Bridges before 1891.

(West Boston, Canal and Prison Point.)

NAME OF DOCUMENT.	For Year.	Year Published.	Number of Document.
Annual report.....	1871	1872	19
" "	1872	1873	12
" "	1873	1874	16
" "	1874	1875	23
" "	1875	1876	20
" "	1876	1877	12
" "	1877	1878	10
" "	1878	1879	8
" "	1879	1880	12
" "	1880	1881	8
" "	1881	1882	15
" "	1882	1883	15
" "	1883	1884	19
" "	1884	1885	8
" "	1885	1886	12
" "	1886	1887	19
" "	1887	1888	25
" "	1888	1889	22
" "	1889	1890	20
" "	1890	1891	*

* Published in annual report, Executive Department, Part I., City Document, No. 1, 1891.

Ferry Department before 1895.

NAME.	YEAR.	
Board of Ferry Directors.....	1870	1891
William J. Burke, Superintendent.....	1891	May 1, 1895
Thomas Kellough.....	May 1, 1895	July 1, 1895

Ferry Department before 1895.

NAME OF DOCUMENT.	For Year.	Year Published.	Number of Document.
Annual report.....	1870	1871	41
" "	1871	1872	55
" "	1872	1873	81
" "	1873	1874	42
" "	1874	1875	65
" "	1875	1876	51
" "	1876	1877	53
" "	1877	1878	49
" "	1878	1879	60
" "	1879	1880	74
" "	1880	1881	77
" "	1881	1882	72
" "	1882	1883	93
" "	1883	1884	76
" "	1884	1885	72
" "	1885	1886	28
" "	1886	1887	12
" "	1887	1888	10
" "	1888	1889	3
" "	1889	1890	4
" "	1890	1891	*
" "	1891	1892	12
" "	1892	1893	11
" "	1893	1894	11
" "	1894	1895	11

*Published in annual report, Executive Department, Part I., City Document, No. 1, 1891.

Street Department since 1891.

Superintendent.

Henry H. Carter, Member of American Society Civil Engineers.
Resigned December 8, 1894.

Charles R. Cutter, *Acting Superintendent from December 8, 1894, to January 14, 1895.*
Member of the Boston Society Civil Engineers.

Bertrand T. Wheeler, *Superintendent from January 14, 1895, to February 4, 1896.*
Member of the Boston Society Civil Engineers.

Benjamin W. Wells, *Superintendent from February 4, 1896, to February 1, 1900.*

Bertrand T. Wheeler, *Superintendent from February 2, 1900, to November 25, 1901.*
Member of the Boston Society Civil Engineers.
Resigned November 25, 1901.

William Jackson, *Acting Superintendent from November 25, 1901, to January 14, 1902.*
Member of American Society Civil Engineers.

Guy C. Emerson, *Deputy Superintendent in charge of the Department, from November 25, 1901, to January 14, 1902.*
Member of the Boston Society Civil Engineers.

James Donovan, *Superintendent from January 14, 1902, to January 2, 1906.*
Resigned January 2, 1906.

Charles Logue, *Acting Superintendent from January 2, 1906, to the present time.*

BRIDGE DIVISION.—John A. McLaughlin, *Deputy Superintendent until June 1, 1895.*

BRIDGE DIVISION.—John P. Wise, *Deputy Superintendent from June 1, 1895, to February 14, 1896.*

BRIDGE DIVISION.—William H. Carberry, *Deputy Superintendent from February 14, 1896, to February 3, 1900.*

BRIDGE DIVISION.—Walter Reed, *Deputy Superintendent from February 5, 1900, to January 22, 1902.*

BRIDGE DIVISION.—Joseph P. Lomasney, *Deputy Superintendent from January 22, 1902, to December 30, 1905. Resigned December 30, 1905.*

BRIDGE DIVISION.—Daniel J. Byrne, *Acting Deputy Superintendent from January 3, 1906, to the present time.*

FERRY DIVISION.—Thomas Kellough, *Deputy Superintendent from July 1, 1895, to February 14, 1896.*

FERRY DIVISION.—William F. McClellan, *Deputy Superintendent from February 14, 1896, to February 3, 1900.*

FERRY DIVISION.—Joseph J. Dennison, *Deputy Superintendent from February 5, 1900, to January 22, 1902.*

FERRY DIVISION.—William J. Donovan, *Deputy Superintendent from January 22, 1902, to January 2, 1906. Resigned January 2, 1906, and appointed Acting Deputy Superintendent from January 2, 1906, to the present time.*

PAVING DIVISION.—Charles R. Cutter, *Deputy Superintendent until January 24, 1895.*

PAVING DIVISION.—Darius N. Payson, *Deputy Superintendent from January 24, 1895, to March 1, 1896.*

PAVING DIVISION.—John J. Kelly, *Deputy Superintendent from March 1, 1896, to February 3, 1900.*

PAVING DIVISION.—Darius N. Payson, *Deputy Superintendent from February 5, 1900, to January 24, 1902.*

PAVING DIVISION.—Joshua Atwood, 3d, *Acting Deputy Superintendent from January 24, 1902, to March 26, 1902.*

PAVING DIVISION.—Henry V. Macksey, *Deputy Superintendent from March 26, 1902, to December 2, 1905. Resigned December 2, 1905.*

PAVING DIVISION. — James H. Sullivan, *Acting Deputy Superintendent from December 2, 1905, to the present time.*

SANITARY DIVISION. — George W. Forristall,* *Deputy Superintendent.*

SANITARY DIVISION. — Philip A. Jackson, *Acting Deputy Superintendent from January 16, 1894, to February 1, 1895.*

SANITARY DIVISION. — Charles A. Young, *Deputy Superintendent from February 1, 1895, to March 1, 1896.*

SANITARY DIVISION. — Patrick O'Shea, *Deputy Superintendent from March 1, 1896, to February 3, 1900.*

SANITARY DIVISION. — Charles A. Young, *Deputy Superintendent from February 5, 1900, to January 22, 1902.*

SANITARY DIVISION. — Daniel P. Sullivan, *Deputy Superintendent from January 22, 1902, to January 2, 1906; resigned January 2, 1906, and appointed Acting Deputy Superintendent from January 2 to the present time.*

SEWER DIVISION. — Henry W. Sanborn, *Deputy Superintendent until July 10, 1896.*
Member Philadelphia Society Civil Engineers.

SEWER DIVISION. — Charles R. Cutter, *Deputy Superintendent from July 10, 1896, to February 3, 1900.*
Member of the Boston Society Civil Engineers.

SEWER DIVISION. — Guy C. Emerson, *Deputy Superintendent from February 5, 1900, to November 25, 1901, and from January 14 to January 22, 1902.*
Member of the Boston Society Civil Engineers.

SEWER DIVISION. — Henry W. Sanborn, *Acting Deputy Superintendent from November 25, 1901, to January 14, 1902.*
Member Philadelphia Society Civil Engineers.

SEWER DIVISION. — George Phillips, *Deputy Superintendent from January 22, 1902, to January 2, 1906; resigned January 2, 1906, and appointed Acting Deputy Superintendent from January 2, 1906; resigned January 18, 1906.*

SEWER DIVISION. — Edgar S. Dorr, *Acting Deputy Superintendent from January 18, 1906, to the present time.*
Member of the Boston Society Civil Engineers.

STREET CLEANING DIVISION. — Philip A. Jackson, *Deputy Superintendent until March 22, 1895.*

STREET CLEANING DIVISION. — Benjamin M. Cram, *Deputy Superintendent from March 22, 1895, to March 1, 1896.*

STREET CLEANING DIVISION. — Joshua Atwood, 3d, *Deputy Superintendent from March 1, 1896, to February 3, 1900.*
Member of the Boston Society Civil Engineers.

STREET CLEANING DIVISION. — Frank H. Haynes, *Deputy Superintendent from February 5, 1900, to April 16, 1901; resigned April 16, 1901.*

STREET CLEANING DIVISION. — Frank C. Shepard, *Deputy Superintendent from April 16, 1901, to January 22, 1902.*

STREET CLEANING DIVISION. — Joseph J. Norton, *Deputy Superintendent from January 22, 1902, to January 2, 1906; resigned January 2, 1906, and appointed Acting Deputy Superintendent from January 2, 1906, to the present time.*

STREET WATERING DIVISION. — M. Edward Libby, *Deputy Superintendent from March 6, 1895, to March 1, 1896.*

STREET WATERING DIVISION. — Thomas J. Finneran, *Deputy Superintendent from March 1, 1896, to February 3, 1900.*

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* Died January 12, 1894.

STREET WATERING DIVISION. — Frederick Hammond, *Deputy Superintendent from February 5, 1900, to January 22, 1902.*

STREET WATERING DIVISION. — Ambrose Woods, *Deputy Superintendent from January 22, 1902, to January 2, 1906; resigned January 2, 1906, and appointed Acting Deputy Superintendent from January 2, 1906, to the present time.*

BOSTON AND CAMBRIDGE BRIDGES. — Henry H. Carter, *ex-officio, Commissioner for Boston, until December 8, 1894.*

Charles R. Cutter, *ex-officio, Acting from December 8, 1894, to January 14, 1895.*

Betrand T. Wheeler, *ex-officio, from January 14, 1895, to February 4, 1896.*

Benjamin W. Wells, *from February 4, 1896, to February 1, 1900; ex-officio, to May 26, 1898.**

Bertrand T. Wheeler, *from February 2, 1900, to November 25, 1901.*

Guy C. Emerson, *from November 25, 1901, to January 14, 1902.*

James Donovan, *from January 14, 1902, to October 28, 1904.*

Joseph P. Lomasney, *from October 28, 1904, to December 30, 1905; resigned December 30, 1905.*

Charles Logue, *from January 2, 1906, to the present time.*

William J. Marvin, *Commissioner for Cambridge.*†

George M. Clukas, *July 26, 1904, to the present time.*

* See Chap. 467, Acts of 1898. † Died July 22, 1904.

Street Department.

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